

County of San Diego TIF Transportation Needs Assessment Report

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Attachments

Attachment A List of ME Improvements

Attachment B List of Improvements Associated with Existing Roadway Deficiencies and/or Outside Growth

Attachment C TIF Facility Location Maps

Attachment D Roadway Improvement Unit Cost Sheets

Attachment E ME Improvement Costs For TIF and Non-TIF Improvements



1.0 Introduction

The County of San Diego General Plan, adopted in August 2011, has necessitated the need to update the current County of San Diego Transportation Impact Fee (TIF) program to ensure consistency with the future vision of the County. Compared with the previous General Plan, the new County General Plan reflects significant changes to both the planned future land uses and the planned Mobility Element (ME) roadway network. A key step in updating the TIF program is determining the specific ME roadway improvements necessary to support future development within the unincorporated portions of the County. The TIF program is focused exclusively on those ME roadway improvements necessary to support future County development. The TIF program does not fund improvements to address existing roadway deficiencies or deficiencies associated with growth outside of the County (external regional growth and through trips).

The purpose of the Transportation Needs Assessment Report is to document the methodology employed to identify the future ME roadway improvements necessary to support future County development within the unincorporated portions of the County of San Diego. The costing of the future ME roadway improvements and the allocation of responsibilities to future County development are key elements of the updated TIF program.

1.1 Background & Previous Program

The objective of the TIF program is to ensure that adequate transportation facilities are available to meet the projected future access and circulation needs of the unincorporated areas. The County of San Diego adopted the inaugural TIF program in January 2005, with a subsequent update in January 2008. The TIF program was developed to provide a mechanism for future development within the unincorporated areas of the County to mitigate their cumulative impacts on the local, regional and state roadway networks.

The County's TIF program is being updated to be consistent with both the vision of the recently updated County General Plan and the requirements of CEQA regarding cumulative impacts. The TIF program will partially fund the buildout of the County ME, as well as the Regional Arterial System (RAS) as identified by the San Diego Association of Governments (SANDAG) and certain State Routes and interchanges. The TIF program will provide a mechanism for future development in the unincorporated portions of the County to mitigate their associated cumulative impacts.

The updated TIF program will assign a cost to the roadway improvements required by future County development and will allocate that cost to future County development based on the projected number of daily vehicle miles traveled (VMT) generated by the new development. In the case of RAS improvements, the minimum residential fee required by the Regional Transportation Improvement Program (RTCIP) and detailed in the "RTCIP Impact Fee Nexus Study—Final Report" dated November 26, 2007 will be separately collected in accordance with



the methodology detailed therein. This analysis is not intended to replace the “RTCIP Impact Fee Nexus Study” for the purpose of establishing minimum RAS collections; although it may add additional justification for this portion of the TIF program.

1.2 Report Organization

Following this introduction chapter, this report is organized into the following chapters:

- 2.0 *Identification of TIF Eligible Improvements* – Discusses the methodology utilized to identify TIF eligible ME roadway facilities and documents the specific ME roadway improvements eligible for TIF funding.
- 3.0 *TIF Program Costs* – Discusses the methodology utilized to develop the TIF program costs and documents the resulting ME improvement costs for each specified TIF improvement, on both County and State facilities.
- 4.0 *Summary of TIF Program Improvements and Costs* – Provides a summary of the identified TIF ME improvements and associated program costs.

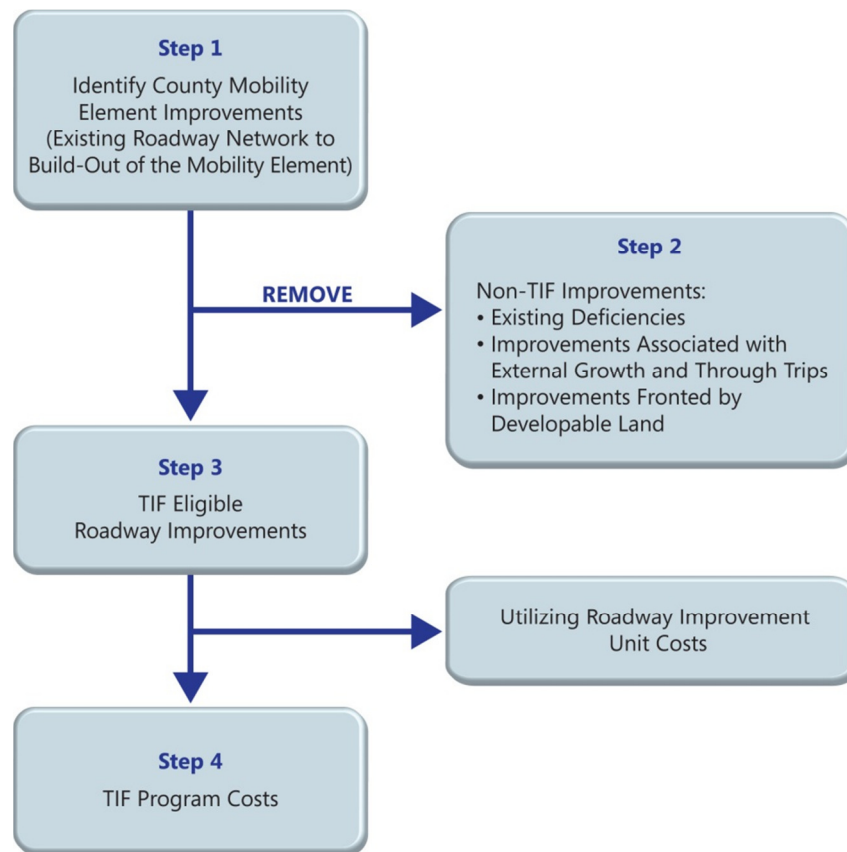


2.0 Identification of TIF Facilities

This chapter discusses the methodology utilized to identify TIF eligible roadway facilities and documents the resulting County ME improvements eligible for TIF funding.

2.1 Approach and Methodology

The TIF roadway needs assessment process is diagrammed in the flow chart below:



As shown above, the TIF eligible improvements were identified utilizing a four (4) step process:

Step 1: ME Improvements: Identify improvements to the existing roadway network necessary for buildout of the County ME. This establishes the list of improvements required to mitigate all existing and future development related cumulative traffic impacts under the buildout of the County's General Plan.

Step 2: Non-TIF Eligible Improvement - Establish the ME improvements (from Step 1) that are required to address existing roadway deficiencies, roadway deficiencies associated with future growth outside of the County (external regional growth and through trips), and improvements associated with direct project impacts from future County growth (i.e. frontage and off-site improvements). These improvements are not eligible for funding through the TIF program.



Step 3: TIF Eligible Improvements – Establish TIF eligible roadway facilities and improvements by removing the improvements identified in Step 2 (Non-Eligible TIF Improvements) from the overall list of ME roadway improvements established in Step 1.

Step 4: TIF Program Costs – Estimate improvement costs for the ME improvements identified in Step 1, as well as the improvements identified in Step 2 (Non-Eligible TIF improvements). TIF eligible program improvement costs were then established by subtracting the improvement costs associated with existing and future outside growth related impacts (Step 2) from the overall ME improvement costs (Step 1).

The following sections provide a detailed description of the steps outlined above.

2.2 County ME Roadway Improvements (Step 1)

The County's ME was adopted in association with the updated General Plan (August 2011). The ME was designed to accommodate future traffic demands associated with the planned land uses consistent with the County's General Plan. The County's General Plan assumes ME roads will operate at Level of Service (LOS) D or better unless a lower LOS was adopted for a road segment. Roadway improvements needed to mitigate cumulative traffic impacts are those improvements necessary to meet LOS D or any lower LOS as established by the General Plan. Hence, it is assumed that buildout of the ME will accommodate the cumulative traffic impacts associated with all future development anticipated by the County's General Plan by meeting the minimum LOS requirements established by the General Plan.

A list of the roadway improvements necessary to build out the County ME was compiled by comparing, on a segment-by-segment basis, the existing roadway cross-section to the ME roadway classification necessary to maintain the minimum LOS established by the General Plan for all ME classified roadways. The list of ME improvements is provided in **Attachment A**.

2.3 Non-TIF Eligible Improvements (Step 2)

The California Mitigation Fee Act (Government Code §§ 66000-66025) prevents money collected from new development, via an impact fee program, to be used to address existing deficiencies. New development within the County is also not responsible for mitigating cumulative impacts associated with growth outside of the County. Therefore, the roadway improvements required due to existing roadway deficiencies and growth outside of the unincorporated County are not funded by the TIF program. These improvements were determined utilizing the SANDAG Series 10 County of San Diego (GPU) Transportation Model. A single combined model forecast was undertaken to identify the improvements that would not be TIF eligible. For conformity with the General Plan land use and traffic modeling assessments, the TIF Program utilizes Year 2007 as the base year for existing conditions. The forecast model run utilized the ME roadway network and assumed existing land uses (2007) within the unincorporated County and 2030 land uses and the

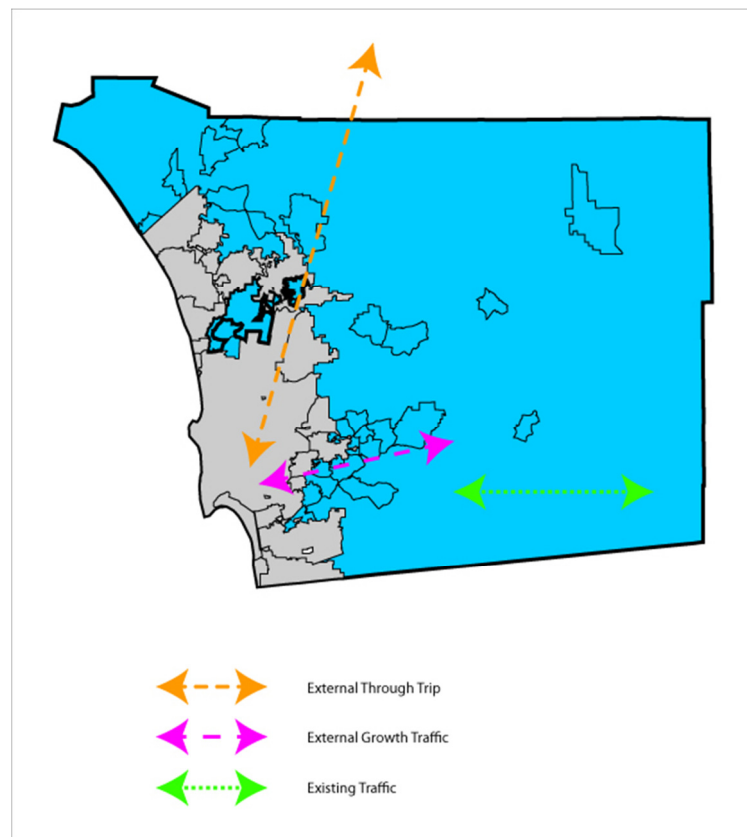


2030 roadway network¹ throughout the rest of the region. This forecast provided the basis for identification of the combined level of required ME improvements associated with the cumulative sum of the following:

- *Existing Traffic* - Trips generated by existing County land uses as of 2007.
- *Outside Growth Related Trips* - Trips on County facilities generated by future land uses outside the unincorporated County with destinations to existing land uses within the County.
- *External Through Trips* - Future trips utilizing County roadway facilities to get from one external location to another.

Figure 2-1 displays examples of the three trip types listed above.

Figure 2-1
Examples of Excluded Trip Types



Improvements were determined on a segment-by-segment basis for all segments operating below LOS D, unless the segment was approved by the General Plan to operate at LOS E or F. The required roadway classification was determined by comparing the forecast segment volume to the respective County roadway design capacity (LOS D or lower as set by the General Plan) threshold and selecting the lowest roadway classification that would have sufficient capacity to

¹ Based on SANDAG 2050 Regional Transportation Plan (RTP), October 2011

accommodate the projected volume. However, roadway segments were not assumed to be improved beyond their planned ME classification.

Table 2.1 displays the County's roadway segment capacity LOS standards. The combined list of ME improvements required due to existing roadway network needs and outside growth is provided in **Attachment B**.

TABLE 2.1
COUNTY OF SAN DIEGO
ROADWAY SEGMENT DAILY CAPACITY AND LEVEL OF SERVICE STANDARDS

No.	Travel Lanes	Design Speed	Road Classification	Level of Service (in ADT)				
				A	B	C	D	E
6.1	6	65 mph	Expressway	36,000	54,000	70,000	86,000	108,000
6.2	6	65 mph	Prime Arterial	22,200	37,000	44,600	50,000	57,000
4.1A	4	55 mph	Major Road with Raised Median	14,800	24,700	29,600	33,400	37,000
4.1B			Major Road with Intermittent Turn Lanes	13,700	22,800	27,400	30,800	34,200
4.2A	4	40 mph	Boulevard with Raised Median	5,700	12,500	19,000	27,000	32,500
4.2B			Boulevard with Intermittent Turn Lane	5,000	10,900	17,200	25,000	30,000
2.1A	2	45 mph	Community Collector with Raised Median	2,800	6,500	10,300	15,000	20,500
2.1B			Community Collector w/ Continuous Turn Lane	3,000	6,000	9,500	13,500	19,000
2.1C			Community Collector w/ Intermittent Turn Lane	3,000	6,000	9,500	13,500	19,000
2.1D			Community Collector with Improvement Options	3,000	6,000	9,500	13,500-15,000	19,000
2.1E			Community Collector	1,900	4,100	7,100	10,900	16,200
2.2A	2	40 mph	Light Collector with Raised Median	3,000	6,000	9,500	13,500	19,000
2.2B			Light Collector with Continuous Turn Lane	3,000	6,000	9,500	13,500	19,000
2.2C			Light Collector with Intermittent Turn Lanes	3,000	6,000	9,500	13,500	19,000
2.2D			Light Collector with Improvement Options	3,000	6,000	9,500	13,500	19,000
2.2E			Light Collector	1,900	4,100	7,100	10,900	16,200
2.2F			Light Collector with Reduced Shoulder	1,550	3,300	5,600	8,700	16,200
2.3A	2	35 mph	Minor Collector with Raised Median	1,400	3,000	5,100	8,000	12,900
2.3B			Minor Collector with Intermittent Turn Lane	1,400	3,000	5,100	8,000	12,900
2.3C			Minor Collector	1,350	2,700	4,500	7,000	11,300

Source: County of San Diego Public Road Standards, March 2010

Improvements that are projected to be implemented as the result of direct impacts associated with future development within the Unincorporated County were also removed from the program. These improvements include ME improvements fronting an undeveloped or partially developed



parcel within the Unincorporated County (frontage improvements) as well as an overall programmatic cost adjustment of 1% to account for improvements associated with potential off-site direct project impacts (off-site improvements).

Potential frontage improvement locations were determined by comparing the *Land Available for Development for the Series 12 Regional Growth Forecast Map, SANDAG February 2010*, to the list of the roadway improvements necessary to build-out the County ME, identified in Step 1. ME improvements located within the developable sphere (i.e. fronting an undeveloped or partially developed parcel) were removed from the program. These identified frontage improvements are assumed to be the responsibility of the individual developer and enforced through the County's Centerline and Subdivision Ordinances, which requires new development projects to fully construct their project's fronting roadways to their ME classification.

As per Section F Paragraph 1 of the *Transnet Extension, Regional Transportation Congestion Improvement Program* states:

If a developer funds or constructs improvements on the Regional Arterial System (RAS) and/or as that arise out of SANDAG's Congestion Management Program, the developer shall receive credit for the costs associated with the arterial improvements, offsetting the revenue requirements of the Funding Program. Such credits shall only apply to the Funding Program for the jurisdiction in which the residential unit was developed.

Therefore, improvements to RAS roadways under the jurisdiction of the County, identified as eligible for TIF funding and that currently front undeveloped or partially developed parcels zoned for residential uses remained in the TIF program.

In addition to removing frontage improvements, a 1% adjustment in overall facility costs was applied to the program to account for potential direct off-site improvements associated with direct impacts from future County development projects. This programmatic adjustment is described in further detail in Section 3.3 of this report.

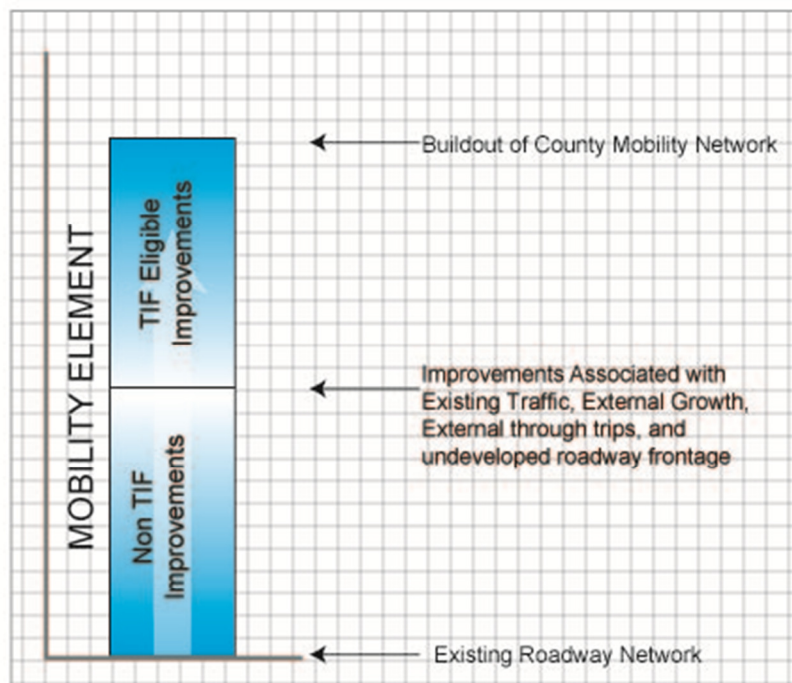
Other revenue sources will be required to fund ME improvements associated with existing roadway network needs, external through trips and outside growth. Sources of additional revenue would be required to fund these improvements. This is discussed in more detail in the County of San Diego Transportation Impact Fee Nexus Study.



2.4 TIF Eligible Roadway Improvements (Step 3)

TIF eligible improvements were determined by comparing the list of Non-TIF Eligible Improvements (Step 2) to the total list of improvements necessary to build out the County ME (Step 1). Improvements necessary to build out the County ME that are not associated with existing roadway network needs, growth outside of the County or direct impacts associated with future County growth would be eligible for TIF funding, as displayed in **Figure 2-2**.

Figure 2-2
Definition of TIF Facilities



Tables 2.2 and 2.3 display the resulting County and State roadway facilities, respectively, that would be eligible for TIF funding. The tables display the classification that would be required due to Non-TIF Eligible Improvements, as well as the ultimate ME roadway classification. The remaining improvements required to build-out the County ME, after the removal of the Non-TIF Eligible Improvements, would be eligible for TIF funding.

Attachment C provides maps in which graphically display the location of the identified TIF eligible facilities.



TABLE 2.2
TIF ELIGIBLE FACILITIES (COUNTY)

CPA	Name	Segment		Non-TIF ¹ Required Class	ME Class
		To	From		
South					
Alpine	Alpine Blvd	Ramp I-8 EB	Arnold Wy	2.2C	4.1B
	Alpine Blvd	Tavern Rd	Alpine Elementary	2.2E	2.2A
	Alpine Blvd	Louise Dr	E Victoria Dr	2.2E	2.2A
	Arnold Wy	Tavern Rd	West Victoria Dr	2.2E	2.2A
	Harbison Canyon Rd	Arnold Wy	Bullard Ln	2.2E	2.2A
	Old Highway 80	CPA Boundary	Dunbar Ln	2.2E	2.2B
	Tavern Rd	New Road 11	Ramp I-8 WB	2.2C	4.1A
	Tavern Rd	Ramp I-8 WB	Alpine Blvd	4.1B	4.1A
	Tavern Rd	Alpine Blvd	Arnold Wy	4.1B	4.1A
	Victoria Park Terr	Quail Creek Pl	West Victoria Dr	2.2E	2.2A
	New Road 11	Tavern Rd	Gentian Rd	2.2E	2.2A
	Willows Rd	Ramp I-8 WB	Ramp I-8 EB	4.1B	4.1A
	Willows Rd	Ramp I-8 EB	Alpine Blvd	2.2E	4.1A
County Islands	Euclid Ave	24th St	Ridgeway Dr	4.1B	4.1A
	Euclid Ave	CPA Boundary	CPA Boundary	4.1B	4.1A
Crest- Dehesa	Dehesa Rd	CPA Boundary	Willow Glen Dr	2.2C	4.1B
	Granite Hills Dr	CPA Boundary	CPA Boundary	2.2E	4.1B
	Greenfield Dr	La Cresta Rd	CPA Boundary	2.2E	4.1B
Jamul- Dulzura	Jefferson Rd	Lyons Valley Rd	Proctor Valley Rd	2.2E	2.2A
	Steele Canyon Rd	CPA Boundary	Campo Rd	2.2E	4.1B
Lakeside	Ballantyne St	Greenfield Dr	Hart Dr	2.2E	4.2B
	Ballantyne St	Hart Dr	CPA Boundary	2.1A	4.2B
	I-8 Business	Lavala Ln	Lake Jennings Park	2.2E	4.2B
	Industry Rd	Winter Gardens Blvd	Mapleview St (New)	2.2E	4.1A
	Lake Jennings Park Rd	Mapleview St	El Monte Rd	4.1B	4.1A
	Mapleview St	Channel Rd	Ramp SR-67 SB	2.2C	4.1A
	Mapleview St	Ashwood St	Lake Jennings Park Rd	4.1B	4.1A
	Mapleview St	Industry Rd	Channel Rd	2.2E	4.1A
	Old Highway 80	Chimney Rock Ln	Marina Springs Ln	2.2E	4.1B
	Old Highway 80	Marina Springs Ln	Dunbar Ln	2.2E	2.2B
	Riverford Rd	Ramp SR-67 SB	Woodside Ave	2.1A	4.1B
	Riverford Rd	Mast Blvd	Ramp SR-67 SB	4.1B	6.2
	Riverside Dr	Vista Camino	Lakeside Ave	2.2C	4.1B
	Lake Jennings Park Rd	Old Highway 80	Ramp I-8 EB	2.2E	4.1B



TABLE 2.2
TIF ELIGIBLE FACILITIES (COUNTY)

CPA	Name	Segment		Non-TIF ¹ Required Class	ME Class
		To	From		
Lakeside (Continued)	Winter Gardens Blvd	Industry Rd	SR-67	4.1B	4.1A
	Winter Gardens Blvd	Ramp SR-67 SB	Pepper Dr	4.1B	4.1A
	Woodside Ave	Riverford Rd	Marilla Dr	2.1A	4.2A
	Woodside Ave	Marilla Dr	Winter Gardens Blvd	2.2E	4.2A
Otay	Otay Lakes Rd	Chula Vist City Limits	Village 13 Drwy#2	2.2E	4.1B
Spring Valley	Campo Rd	Broadway	Ramp SR-125 NB	4.1B	4.1A
	Campo Rd	Ramp SR-125 NB	CPA Boundary	2.2E	4.1A
	Campo Rd	Campo/Sweetwater Springs	Sweetwater Springs Blvd	4.1B	4.1A
	Jamacha Blvd	La Presa Ave	Sweetwater Springs Blvd	4.1B	4.1A
	Jamacha Blvd	Sweetwater Springs Blvd	CPA Boundary	4.1B	4.1A
	Sweetwater Springs Blvd	Ramp SR-94 EB	Jamacha Blvd	4.1B	4.1A
	Sweetwater Rd	Paradise Valley Rd	Jamacha Blvd	2.2C	4.1A
Valle De Oro	Bancroft Dr	Grossmont Dr	Lemon Ave	2.2E	4.2B
	Campo Rd	CPA Boundary	Bancroft Dr	2.2E	4.1B
	Chase Ave	Rancho Valle Ct	Fuerte Dr	2.1A	4.1B
	Jamacha Blvd	SR-54	SR-94	4.1B	4.1A
	Jamacha Rd	CPA Boundary	Chase Ave	4.1B	4.1A
	Jamacha Rd	Chase Ave	Calle Albara	4.1B	6.2
	Jamacha Rd	Calle Albara	Hilton Head Rd	4.1A	6.2
	Steele Canyon Rd	Par 4 Dr	Jamul Dr	2.2C	4.1B
	Steele Canyon Rd	Jamul Dr	CPA Boundary	2.2E	4.1B
	Willow Glen Dr	Hillsdale Rd	Steele Canyon Rd	2.1A	4.1B
North					
Bonsall	Camino Del Rey	Olivehill Rd	Old River Rd	2.2C	4.2B
	Camino Del Rey	Old River Rd	Cam Del Rey	2.2E	4.2B
	Champagne Blvd	Old Castle Rd	CPA Boundary	2.1A	4.1B
	East Vista Way	Mission Ave	Gopher Canyon Rd	2.2C	4.1A
	East Vista Way	Gopher Canyon Rd	CPA Boundary	4.1B	4.1A
	Gopher Canyon Rd	Little Gopher Canyon Rd	Ramp I-15 SB	2.1A	4.1B
	Gopher Canyon Rd	Ramp I-15 SB	Old Highway 395	2.2C	4.1B
	Melrose Dr	CPA Boundary	Santa Fe Ave	4.1A	6.2
	North River Rd	CPA Boundary	Mission Ave	2.2C	4.1B
	Old Highway 395	West Lilac Rd	Ramp I-15 SB	2.2C	4.2B



TABLE 2.2
TIF ELIGIBLE FACILITIES (COUNTY)

CPA	Name	Segment		Non-TIF ¹ Required Class	ME Class
		To	From		
Bonsall (Continued)	Old Highway 395	Ramp I-15 SB	Cam Del Rey	2.2C	4.1B
	Osborne St	CPA Boundary	East Vista Way	2.2E	2.2A
Fallbrook	Fallbrook St	Mission Rd	Main St	2.2E	2.2B
	Fallbrook St	Morro Rd	Magarian Rd	2.2E	2.2B
	Old 395	Canonita Dr	Tecalote Dr	2.2C	2.1A
	Horse Ranch Creek Rd	Stewart Canyon Rd	Pala/SR-76	2.2E	4.2A
	Reche Rd	Stage Coach Ln	Green Canyon Rd	2.2E	2.2B
	Stage Coach Ln	Mission Rd	Reche Rd	2.2E	2.2B
	Stewart Canyon Rd	Old Highway 395	Horse Ranch Creek Rd	2.2E	4.1B
North County Metro	Bear Valley Pkwy	Boyle Ave	Old Spanish Tr	4.1B	4.1A
	Champagne Blvd	Old Castle Rd	Lawrence Welk Dr	2.1A	4.1B
	Citracado Pkwy	Kauana Loa Dr	Bernardo Ave	2.1A	4.1A
	Citracado Pkwy	Bernardo Ave	Ramp I-15 SB	4.1B	4.1A
	El Norte Pkwy	Rees Rd	Nutmeg St/Nordahl Rd	4.1B	4.1A
	Harmony Grove Rd	Country Club Dr	Citracado Pkwy	2.2E	2.2B
	Mar Vista Dr	Buena Vista Dr	Cannon Rd	2.2E	2.2B
	Rock Springs Rd	Nordahl Rd	CPA Boundary	2.2C	4.1B
	Rock Springs Rd	CPA Boundary	CPA Boundary	2.1A	4.1B
	South Santa Fe Ave	Montgomery Dr	Smilax Rd	4.1B	4.1A
	Via Rancho Pkwy	Felicita Rd	Montesano Rd	4.1B	4.1A
	Via Rancho Pkwy	Del Dios Hwy	Felicita Rd	2.2E	4.1A
San Dieguito	El Apajo	Via De Santa Fe	San Dieguito Rd	2.2C	2.1A
	Paseo Delicias	La Granada	Linea Del Cielo	2.2E	2.2A
	San Dieguito Rd	CPA Limits	Winland Hills Drive	2.2E	4.1A
	San Dieguito Rd	El Apajo	Calle Del Nid	2.2E	4.1A
Valley Center	Old Highway 395	Old Castle Rd	CPA Boundary	2.1A	4.1B
	Cole Grade Rd	Fruitvale Rd	Valley Center Rd	2.2E	4.2A
	Lilac Rd	Anthony Rd	Cypress Rd	2.2E	4.2B
	Old Highway 395	CPA Boundary	Cam Del Rey	2.2C	4.1B
East					
Ramona	Highland Valley Rd	CPA Boundary	Archie Moore Rd	2.2E	2.2A

Source: Fehr & Peers, August 2012

Notes:

¹ Non-TIF: Non-TIF Eligible Improvements required due to existing deficiencies, external through trips, outside growth and/or improvements required to mitigate direct impacts associated with future County development projects.



TABLE 2.3
TIF ELIGIBLE FACILITIES (STATE)

CPA	Name	Segment		Non-TIF ¹ Required Class	ME Class
		To	From		
South					
Jamul-Dulzura	SR-94	CPA Boundary	Jefferson Rd	4.1B	4.1A
North					
Fallbrook	SR-76	Granit Quarry Entrance	Couser Canyon Rd	4.1B	4.1A
	SR-76	Pankey Rd	Granit Quarry Entrance	4.1B	4.1A
North County Metro	SR-78	Bear Valley Rd	Old San Pasqual Rd	2.2C	4.1A
East					
Mountain Empire	SR-188	SR-94	International Boarder	2.2E	4.1A
Ramona	SR-67	Dye Rd	Archie Moore Rd	4.1B	4.1A

Source: Fehr & Peers, August 2012

Notes:

¹ Non-TIF: Non-TIF Eligible Improvements required due to existing deficiencies, external through trips, outside growth and/or improvements required to mitigate direct impacts associated with future county development projects.

2.5 TIF program Costs (Step 4)

The total program improvement costs were first estimated for the roadway improvements necessary to buildout the County ME, consistent with the minimum acceptable LOS set forth by General Plan (Step 1). Improvement costs were also estimated for the identified improvements that are not eligible for TIF funding, i.e. deficiencies associated with existing traffic, external regional growth and direct impacts associated with future County development (Step 2). TIF eligible program improvement costs were established by subtracting the improvement costs associated with Non-TIF Eligible Improvements (Step 2) from the overall ME improvement costs (Step 1). A more detailed description of the costing methodology as well as the estimated individual facility and total program improvement costs are provided in Chapter 3.0.

2.6 Interchange Improvements

Future County development is also projected to have a cumulative impact on a number of freeway ramp interchanges. As part of the TIF program, County new development would be responsible for a fair-share contribution to the improvement of these interchanges in the future. **Table 2.4** displays the location of the freeway interchanges, identified by the County, which would be impacted by future County development and the associated fair-share contribution. The fair-share contribution was determined by comparing daily ramp volume outputs from the forecast utilized to determine outside growth to the SANDAG Series 10 Year 2030 transportation forecast.



TABLE 2.4
TIF ELIGIBLE INTERCHANGE IMPROVEMENTS

Interchange	Future County Development Fair-Share Contribution
I-8 EB/Lake Jennings Park Rd	15.7%
I-8 WB/Lake Jennings Park Rd	20.4%
I-8 EB/Dunbar Ln	55.5%
I-8 WB/Dunbar Ln	46.7%
I-8 EB/Tavern Rd	24.8%
I-8 WB/Tavern Rd	35.8%
I-8 EB/W. Willows Rd	13.3%
I-8 WB/W. Willows Rd	12.1%
SR-67 NB/Bradley Ave	2.0%
SR-67 SB/Bradley Ave	2.2%
SR-67 NB/Winter Gardens Blvd	5.3%
SR-67 SB/Winter Gardens Blvd	4.8%
SR-67 NB/Riverford Rd	32.4%
SR-67 SB/Riverford Rd	29.1%
SR-67 NB/Mapleview St	4.0%
SR-67 SB/Mapleview St	3.9%
SR-94 EB/Sweetwater Springs Blvd	9.2%
SR-94 WB/Sweetwater Springs Blvd	9.9%
I-15 NB/E. Mission Rd	19.0%
I-15 SB/E. Mission Rd	13.0%
I-15 NB/Gopher Canyon Rd	32.6%
I-15 SB/Gopher Canyon Rd	24.2%
I-15 NB/Deer Springs Rd	22.4%
I-15 SB/Deer Springs Rd	21.8%
I-15 NB/SR-76	12.3%
I-15 SB/ SR-76	17.2%

Source: County of San Diego / Fehr & Peers, March 2012



3.0 TIF Program Costs

This chapter documents the improvement costs for each identified TIF improvement on County and State facilities.

3.1 Roadway Facility Type

For the purposes of costing and allocation of fees, the identified TIF facilities were categorized into the following facility types:

- *State Facilities* - including any facility within the unincorporated County of San Diego which is under the jurisdiction of Caltrans.
- *RAS Facilities* – including any facility identified in SANDAG Regional Transportation Plan (RTP).
- *Regional Facilities* - larger arterial roadways maintained by the County predominantly used by regional traffic.
- *Local Facilities* - smaller collectors maintained by the County predominantly used by local traffic.

The roadway facility types were assigned using the following criteria:

- Jurisdictional responsibility
- County ME roadway classification
- Inclusion in SANDAG regional arterial program

State Facilities

State facilities include any roadway facility within the unincorporated County of San Diego that is under the jurisdiction of Caltrans.

RAS Facilities

RAS facilities are facilities under the jurisdiction of the County of San Diego which are identified in SANDAG Regional Transportation Plan (RTP), October 2011, as being regionally significant.

County Regional Facilities

Regional facilities are defined as roadway facilities under the jurisdiction of the County of San Diego; classified by the County's ME as having four or more lanes (4.2B and above); and are not included in SANDAG's regional arterial program.

Local Facilities

Local facilities are defined as roadway facilities under the jurisdiction of the County of San Diego; classified by the County's ME as having two lanes (2.1A and below); and are not included in SANDAG's regional arterial program.



3.2 Roadway Improvement Unit Costs

Unit costs were developed by calculating the cost to upgrade a typical mile of an existing roadway cross-section to an upgraded (capacity wise) cross-section. The unit cost was then applied to the length of the roadway segment that was identified for improvement.

Roadway improvement unit costs assumed the following expenses:

- Right-of-Way Acquisition
- Median Improvements
- Pavement Overlays
- Drainage
- Signing & Striping
- Water Pollution Control
- Mobilization
- Traffic Control
- Utility Relocations
- Other Minor Improvements

It should be noted that the TIF is a programmatic collection of funds with broad assumptions and actual costs for specific improvements could vary based upon more detailed assessments of the right-of-way requirements, relocation / land acquisition costs, topography and environmental conditions. The improvement unit cost assumptions are summarized in **Table 3.1**, with additional backup details' provided in **Attachment D**.

Example Improvement Cost Calculation

Segment: Tavern Road between I-8 WB and Alpine Boulevard

Step 1: Find Functional Classification: Town Collector

Step 2: Find desired improvement classification: 4.1A (ME Classification)

Step 3: To find projected improvement cost, match the Functional Classification in far left column of Table 3.1 to improved classification in the top row of the table: Town Collector → 4.1A = \$8.06 Million/Mile

3.3 TIF Eligible Roadway Improvement Costs

The roadway improvement unit costs outlined in the previous section were applied to the identified TIF eligible improvements displayed in Tables 2.2 and 2.3. TIF costs were derived by subtracting the Non-TIF Eligible Improvement costs from the overall ME improvement cost. A complete list of the ME improvement costs for both TIF and Non-TIF improvements is provided in **Attachment E**.



Tables 3.2 and 3.3 summarize the cost associated with each TIF eligible improvement on a segment-by-segment basis for the identified County and State facilities, respectively.

To account for potential TIF facility improvements required to mitigate direct off-site impacts associated with future County development projects, a 1% adjustment was applied to all TIF program costs. The program cost adjustment was developed based on the following methodology:

As identified in Tables 3.2 & 3.3, the TIF program would account for \$344 million of future ME road improvements, which is estimated to be approximately 17% of the total ME roadway network costs.

County staff determined that an estimated one-third of approved County discretionary permits require off-site roadway improvements to at least one of the following roadway types:

- ME Public Roads
- Non-ME Public Road (Local Roads)
- Regional Arterial System (RAS) Public Roads
- Private Roads

Based on the overall percent that the TIF will contribute to the build-out of the County ME (17%) and the percent of discretionary permits that require off-site improvements (33%) it is estimated that approximately 5% of all off-site improvements could potentially be required on a TIF facility. However, the remaining percentage of discretionary permits would include off-site improvements to non-ME public roads, private roads, and RAS roads. County staff in conjunction with industry representatives determined that adjusting the program costs with a 1% reduction would adequately account for these rare occurrences of potential offsite improvements to TIF facilities.



**TABLE 3.1
IMPROVEMENT UNIT COST ASSUMPTIONS¹**

	ME Classification ²															
Existing Cross-Section ³	2.2E	2.2D	2.2C	2.2B	2.2A	2.1E	2.1D	2.1C	2.1B	2.1A	4.2B	4.2A	4.1B	4.1A	6.2	6.1
	Light Collector	Light Collector with Improvement Options	Light Collector w/ Intermittent Turn Lanes	Light Collector w/ Continuous Turn Lane	Light Collector with Raised Median	Community Collector	Community Collector with Improvement Options	Community Collector w/ Intermittent Turn Lanes	Community Collector w/ Continuous Turn Lane	Community Collector with Raised Median	Boulevard with Intermittent Turn Lanes	Boulevard with Raised Median	Major Road with Intermittent Turn Lanes	Major Road with Raised Median	Prime Arterial	Expressway
Prime	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.40
Major	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$7.75	\$15.97
Collector	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4.72	\$12.99	\$20.90
Town Collector	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.86	\$3.97	\$7.81	\$3.74	\$8.06	\$22.71	\$26.40
Light Collector	\$0.00	\$5.20	\$0.49	\$3.98	\$4.33	\$0.22	\$4.92	\$0.22	\$3.70	\$4.08	\$7.17	\$11.03	\$7.10	\$11.48	\$24.18	\$27.87
New Facility	\$12.89	\$15.83	\$12.89	\$16.40	\$16.40	\$12.40	\$15.34	\$12.40	\$15.88	\$14.11	\$19.58	\$21.06	\$20.77	\$22.92	\$31.52	\$35.21

Source: AECOM, August 2012

Notes:

¹ Unit costs are defined in centerline miles

² Unit costs are displayed in Millions of dollars (2012 Dollars)

³ Existing cross-section details are provided in Attachment D



Example TIF Cost Calculation: Tavern Road between I-8 WB and Alpine Boulevard. Length: 0.27 Miles

Step 1: Non-TIF Eligible Improvement Cost

Unit Cost: Town Collector → 4.1B = \$3.74 Million/Mile (Table 3.1)

Improvement Cost: 0.27 Miles x \$3.74 Million/Mile = \$1.01 Million

Frontage Improvement Cost: Add full ME improvement cost for all portions of the segment fronting developable parcels

Step 2: ME Improvement Cost

Unit Cost: Town Collector → 4.1A = \$8.06 Million/Mile (Table 3.1)

Improvement Cost: 0.27 Miles x \$8.06 Million/Mile = \$2.18 Million

Step 3: TIF Improvement Cost

TIF Cost = ME Improvement Cost – Non-TIF Improvement Cost*.99 (Direct Improvement Adjustment)

\$2.18 Million - \$1.01 Million = \$1.17 Million * .99 = \$1.16

From Table 2.2

Functional Class: Town Collector

E+G Class: 4.1B

ME Class: 4.1A

TABLE 3.2
TIF ELIGIBLE PROGRAM COST (COUNTY)
COST IN MILLIONS (2012 DOLLARS)

CPA	Name	Segment ¹		Facility Type	Segment Length (Miles)	Non-TIF Improvement Cost (Millions) ²	ME Improvement Cost (Millions) ³	TIF Cost ⁴	TIF % ⁵
		To	From						
South									
Alpine	Alpine Blvd	Ramp I-8 EB	Arnold Wy	RAS	0.66	\$0.00	\$4.68	\$4.63	99.0%
	Alpine Blvd	Tavern Rd	Alpine Elementary	RAS	0.22	\$0.00	\$0.95	\$0.94	99.0%
	Alpine Blvd	Louise Dr	E Victoria Dr	RAS	0.26	\$0.39	\$1.13	\$0.73	64.8%
	Arnold Wy	Tavern Rd	West Victoria Dr	Local	0.53	\$0.00	\$2.30	\$2.28	99.0%
	Harbison Canyon Rd	Arnold Wy	Bullard Ln	Local	0.67	\$0.00	\$2.90	\$2.87	99.0%
	Old Highway 80	CPA Boundary	Dunbar Ln	Local	0.27	\$0.00	\$1.07	\$1.06	99.0%
	Tavern Rd	New Road 11	Ramp I-8 WB	Regional	0.63	\$4.84	\$5.08	\$0.24	4.7%
	Tavern Rd	Ramp I-8 WB	Alpine Blvd	Regional	0.27	\$1.01	\$2.18	\$1.16	53.1%
	Tavern Rd	Alpine Blvd	Arnold Wy	Regional	0.27	\$0.00	\$1.27	\$1.26	99.0%
	Victoria Park Terr	Quail Creek Pl	West Victoria Dr	Local	0.25	\$0.00	\$1.08	\$1.07	99.0%



TABLE 3.2
TIF ELIGIBLE PROGRAM COST (COUNTY)
COST IN MLLIONS (2012 DOLLARS)

CPA	Name	Segment ¹		Facility Type	Segment Length (Miles)	Non-TIF Improvement Cost (Millions) ²	ME Improvement Cost (Millions) ³	TIF Cost ⁴	TIF % ⁵
		To	From						
Alpine (Continued)	New Road 11	Tavern Rd	Gentian Rd	Local	0.40	\$5.96	\$6.56	\$0.59	9.1%
	Willows Rd	Ramp I-8 WB	Ramp I-8 EB	RAS	0.12	\$0.00	\$0.57	\$0.56	99.0%
	Willows Rd	Ramp I-8 EB	Alpine Blvd	RAS	0.03	\$0.00	\$0.34	\$0.34	99.0%
County Islands	Euclid Ave	24th St	Ridgeway Dr	RAS	0.18	\$0.00	\$0.85	\$0.84	99.0%
	Euclid Ave	CPA Boundary	CPA Boundary	RAS	0.33	\$2.34	\$3.79	\$1.44	37.9%
Crest-Dehesa	Dehesa Rd	CPA Boundary	Willow Glen Dr	RAS	1.69	\$0.00	\$11.99	\$11.87	99.0%
	Granite Hills Dr	CPA Boundary	CPA Boundary	Regional	0.73	\$0.00	\$5.18	\$5.13	99.0%
	Greenfield Dr	La Cresta Rd	CPA Boundary	Regional	0.47	\$1.71	\$3.34	\$1.61	48.3%
Jamul-Dulzura	Jefferson Rd	Lyons Valley Rd	Proctor Valley Rd	Local	0.39	\$1.43	\$1.69	\$0.26	15.2%
	Steele Canyon Rd	CPA Boundary	Campo Rd	Regional	0.46	\$1.98	\$3.26	\$1.27	38.9%
Lakeside	Ballantyne St	Greenfield Dr	Hart Dr	Regional	0.13	\$0.00	\$0.93	\$0.92	99.0%
	Ballantyne St	Hart Dr	CPA Boundary	Regional	0.07	\$0.28	\$0.50	\$0.22	43.8%
	I-8 Business	Lavala Ln	Lake Jennings Park Rd	Regional	2.64	\$2.58	\$18.92	\$16.18	85.5%
	Industry Rd	Winter Gardens Blvd	Mapleview St (New)	Regional	0.06	\$0.00	\$0.69	\$0.68	99.0%
	Lake Jennings Park Rd	Mapleview St	El Monte Rd	RAS	0.79	\$0.00	\$3.73	\$3.69	99.0%
	Mapleview St	Channel Rd	Ramp SR-67 SB	Regional	0.17	\$0.00	\$1.95	\$1.93	99.0%
	Mapleview St	Ashwood St	Lake Jennings Park Rd	RAS	0.32	\$0.00	\$1.51	\$1.49	99.0%
	Mapleview St	Industry Rd	Channel Rd	Regional	0.39	\$7.43	\$8.94	\$1.49	16.7%
	Old Highway 80	Chimney Rock Ln	Marina Springs Ln	Regional	0.39	\$0.00	\$2.77	\$2.74	99.0%
	Old Highway 80	Marina Springs Ln	Dunbar Ln	Local	2.38	\$5.05	\$9.47	\$4.38	46.2%
	Riverford Rd	Ramp SR-67 SB	Woodside Ave	Regional	0.09	\$0.08	\$0.34	\$0.26	76.7%
	Riverford Rd	Mast Blvd	Ramp SR-67 SB	Regional	0.36	\$3.24	\$8.17	\$4.88	59.7%



TABLE 3.2
TIF ELIGIBLE PROGRAM COST (COUNTY)
COST IN MLLIONS (2012 DOLLARS)

CPA	Name	Segment ¹		Facility Type	Segment Length (Miles)	Non-TIF Improvement Cost (Millions) ²	ME Improvement Cost (Millions) ³	TIF Cost ⁴	TIF % ⁵
		To	From						
Lakeside (Continued)	Riverside Dr	Vista Camino	Lakeside Ave	Regional	0.50	\$0.00	\$3.55	\$3.51	99.0%
	Lake Jennings Park Rd	Old Highway 80	Ramp I-8 EB	RAS	0.06	\$0.00	\$0.43	\$0.43	99.0%
	Winter Gardens Blvd	Industry Rd	SR-67	Regional	0.03	\$0.00	\$0.14	\$0.14	99.0%
	Winter Gardens Blvd	Ramp SR-67 SB	Pepper Dr	RAS	2.26	\$0.00	\$10.66	\$10.55	99.0%
	Woodside Ave	Riverford Rd	Marilla Dr	Regional	0.36	\$3.21	\$3.97	\$0.75	19.0%
	Woodside Ave	Marilla Dr	Winter Gardens Blvd	Regional	0.56	\$0.00	\$6.18	\$6.12	99.0%
Otay	Otay Lakes Rd	Chula Vist City Limits	Village 13 Drwy#2	RAS	2.11	\$0.00	\$14.97	\$14.82	99.0%
Spring Valley	Campo Rd	Broadway	Ramp SR-125 NB	RAS	0.07	\$0.00	\$0.33	\$0.33	99.0%
	Campo Rd	Ramp SR-125 NB	CPA Boundary	RAS	0.22	\$0.00	\$2.53	\$2.50	99.0%
	Campo Rd	Campo Rd	Sweetwater Springs Blvd	RAS	0.09	\$0.00	\$0.42	\$0.42	99.0%
	Jamacha Blvd	La Presa Ave	Sweetwater Springs Blvd	RAS	2.00	\$9.15	\$16.11	\$6.89	42.8%
	Jamacha Blvd	Sweetwater Springs Blvd	CPA Boundary	RAS	0.89	\$0.00	\$4.20	\$4.16	99.0%
	Sweetwater Springs Blvd	Ramp SR-94 EB	Jamacha Blvd	RAS	1.33	\$0.37	\$6.27	\$5.84	93.2%
	Sweetwater Rd	Paradise Valley Rd	Jamacha Blvd	RAS	0.04	\$0.00	\$0.46	\$0.45	99.0%
Valle De Oro	Bancroft Dr	Grossmont Dr	Lemon Ave	Regional	0.05	\$0.00	\$0.36	\$0.35	99.0%
	Campo Rd	CPA Boundary	Bancroft Dr	RAS	0.25	\$0.00	\$1.77	\$1.75	99.0%
	Chase Ave	Rancho Valle Ct	Fuerte Dr	Regional	1.06	\$6.98	\$7.52	\$0.53	7.1%
	Jamacha Blvd	SR-54	SR-94	RAS	0.59	\$0.00	\$2.78	\$2.75	99.1%
	Jamacha Rd	CPA Boundary	Chase Ave	RAS	0.49	\$0.33	\$2.31	\$1.96	84.9%
	Jamacha Rd	Chase Ave	Calle Albara	RAS	1.09	\$2.34	\$14.16	\$11.70	82.6%
	Jamacha Rd	Calle Albara	Hilton Head Rd	RAS	0.47	\$0.00	\$3.64	\$3.60	99.0%
	Steele Canyon Rd	Par 4 Dr	Jamul Dr	Regional	0.11	\$0.00	\$0.41	\$0.41	99.0%



TABLE 3.2
TIF ELIGIBLE PROGRAM COST (COUNTY)
COST IN MILLIONS (2012 DOLLARS)

CPA	Name	Segment ¹		Facility Type	Segment Length (Miles)	Non-TIF Improvement Cost (Millions) ²	ME Improvement Cost (Millions) ³	TIF Cost ⁴	TIF % ⁵
		To	From						
Valle De Oro (Continued)	Steele Canyon Rd	Jamul Dr	CPA Boundary	Regional	0.53	\$0.00	\$3.76	\$3.72	99.0%
	Willow Glen Dr	Hillsdale Rd	Steele Canyon Rd	RAS	1.20	\$1.03	\$4.48	\$3.42	76.3%
North									
Bonsall	Camino Del Rey	Olivehill Rd	Old River Rd	Regional	0.05	\$0.00	\$0.36	\$0.35	99.0%
	Camino Del Rey	Old River Rd	Cam Del Rey	Regional	0.29	\$0.00	\$2.08	\$2.06	99.0%
	Champagne Blvd	Old Castle Rd	CPA Boundary	RAS	0.28	\$0.68	\$1.05	\$0.37	34.9%
	East Vista Way	Mission Ave	Gopher Canyon Rd	RAS	0.94	\$0.00	\$7.57	\$7.49	99.0%
	East Vista Way	Gopher Canyon Rd	CPA Boundary	RAS	0.73	\$2.73	\$5.88	\$3.12	53.0%
	Gopher Canyon Rd	Little Gopher Canyon Rd	Ramp I-15 SB	RAS	3.41	\$19.26	\$24.20	\$4.89	20.2%
	Gopher Canyon Rd	Ramp I-15 SB	Old Highway 395	RAS	0.17	\$0.00	\$1.21	\$1.20	99.0%
	Melrose Dr	CPA Boundary	Santa Fe Ave	RAS	0.14	\$3.21	\$4.41	\$1.19	26.9%
	North River Rd	CPA Boundary	Mission Ave	Regional	0.48	\$1.14	\$3.41	\$2.25	65.9%
	Old Highway 395	West Lilac Rd	Ramp I-15 SB	RAS	0.86	\$0.00	\$3.41	\$3.38	99.0%
	Old Highway 395	Ramp I-15 SB	Cam Del Rey	RAS	1.35	\$0.57	\$9.58	\$8.92	93.1%
	Osborne St	CPA Boundary	East Vista Way	Local	1.48	\$3.72	\$6.41	\$2.66	41.5%
Fallbrook	Fallbrook St	Mission Rd	Main St	Local	0.12	\$0.00	\$0.48	\$0.48	99.0%
	Fallbrook St	Morro Rd	Magarian Rd	Local	0.30	\$0.00	\$1.19	\$1.18	99.0%
	Old 395	Canonita Dr	Tecalote Dr	RAS	0.57	\$0.00	\$2.33	\$2.31	98.8%
	Horse Ranch Creek Rd	Stewart Canyon Rd	Pala/SR-76	Regional	1.49	\$23.37	\$31.38	\$7.93	25.3%
	Reche Rd	Stage Coach Ln	Green Canyon Rd	Local	0.76	\$1.48	\$3.03	\$1.53	50.6%
	Stage Coach Ln	Mission Rd	Reche Rd	Local	1.33	\$4.45	\$5.29	\$0.83	15.7%
	Stewart Canyon Rd	Old Highway 395	Horse Ranch Creek Rd	Regional	0.86	\$7.17	\$8.66	\$1.48	17.0%



TABLE 3.2
TIF ELIGIBLE PROGRAM COST (COUNTY)
COST IN MLLIONS (2012 DOLLARS)

CPA	Name	Segment ¹		Facility Type	Segment Length (Miles)	Non-TIF Improvement Cost (Millions) ²	ME Improvement Cost (Millions) ³	TIF Cost ⁴	TIF % ⁵
		To	From						
North County Metro	Bear Valley Pkwy	Boyle Ave	Old Spanish Tr	RAS	1.26	\$8.95	\$14.47	\$5.46	37.8%
	Champagne Blvd	Old Castle Rd	Lawrence Welk Dr	RAS	0.68	\$2.51	\$2.54	\$0.03	1.2%
	Citracado Pkwy	Kauana Loa Dr	Bernardo Ave	RAS	0.10	\$0.41	\$1.15	\$0.73	63.7%
	Citracado Pkwy	Bernardo Ave	Ramp I-15 SB	RAS	0.87	\$3.92	\$9.99	\$6.01	60.2%
	El Norte Pkwy	Rees Rd	Nutmeg St/Nordahl Rd	RAS	0.39	\$0.00	\$1.84	\$1.82	99.0%
	Harmony Grove Rd	Country Club Dr	Citracado Pkwy	Local	1.08	\$2.67	\$4.30	\$1.61	37.5%
	Mar Vista Dr	Buena Vista Dr	Cannon Rd	RAS	0.28	\$3.61	\$4.59	\$0.97	21.1%
	Rock Springs Rd	Nordahl Rd	CPA Boundary	Regional	0.35	\$0.00	\$2.48	\$2.46	99.0%
	Rock Springs Rd	CPA Boundary	CPA Boundary	Regional	0.18	\$0.74	\$1.28	\$0.53	41.8%
	South Santa Fe Ave	Montgomery Dr	Smilax Rd	RAS	1.73	\$12.28	\$19.86	\$7.50	37.8%
	Via Rancho Pkwy	Felicita Rd	Montesano Rd	RAS	0.13	\$0.92	\$1.49	\$0.56	37.9%
	Via Rancho Pkwy	Del Dios Hwy	Felicita Rd	RAS	2.06	\$0.00	\$23.65	\$23.41	99.0%
San Dieguito	El Apajo	Via De Santa Fe	San Dieguito Rd	Local	0.57	\$0.00	\$2.33	\$2.31	99.0%
	Paseo Delicias	La Granada	Linea Del Cielo	RAS	0.08	\$0.00	\$0.35	\$0.35	99.0%
	San Dieguito Rd	CPA Limits	Winland Hills Drive	Regional	0.02	\$0.00	\$0.23	\$0.23	99.0%
	San Dieguito Rd	El Apajo	Calle Del Nid	Regional	0.08	\$0.00	\$0.92	\$0.91	99.0%
Valley Center	Old Highway 395	Old Castle Rd	CPA Boundary	RAS	0.36	\$0.56	\$1.34	\$0.77	57.5%
	Cole Grade Rd	Fruitvale Rd	Valley Center Rd	RAS	0.67	\$0.00	\$7.39	\$7.32	99.0%
	Lilac Rd	Anthony Rd	Cypress Rd	Regional	1.55	\$0.00	\$11.11	\$11.00	99.0%
	Old Highway 395	CPA Boundary	Cam Del Rey	RAS	0.38	\$0.00	\$2.70	\$2.67	99.0%



TABLE 3.2
TIF ELIGIBLE PROGRAM COST (COUNTY)
COST IN MILLIONS (2012 DOLLARS)

CPA	Name	Segment ¹		Facility Type	Segment Length (Miles)	Non-TIF Improvement Cost (Millions) ²	ME Improvement Cost (Millions) ³	TIF Cost ⁴	TIF % ⁵
		To	From						
East									
Ramona	Highland Valley Rd	CPA Boundary	Archie Moore Rd	Local	6.62	\$18.28	\$28.68	\$10.30	35.9%

Source: Fehr & Peers, August 2012

Notes:

¹To-From segment extents are to the nearest cross street which may not exactly match the identified TIF segment length. The frontage lengths of undeveloped or partially developed parcels have been removed from the segment length.

² Projected cost of improvements required due to Non-Eligible TIF Improvements, including frontage improvements along developable parcels (Cost in Millions)

³ Projected cost to improve to ME Classification from existing Functional Classification (Cost in Millions)

⁴ TIF funding available for ME improvement (Cost in Millions), includes 1% adjustment for off-site direct improvements

⁵ Percent of full ME Improvement Cost in which the TIF program will fund, includes 1% adjustment for off-site direct improvements



TABLE 3.3
TIF ELIGIBLE PROGRAM COST (STATE FACILITIES)
COST IN MILLION (2012 DOLLARS)

CPA	Name	Segment ¹		Segment Length (Miles)	Non-TIF Improvement Cost (Millions) ²	ME Improvement Cost (Millions) ³	TIF Cost ⁴	TIF % ⁵
		To	From					
South								
Jamul-Dulzura	SR-94	CPA Boundary	Jefferson Rd	2.92	\$16.96	\$23.53	\$6.50	28%
North								
Fallbrook	SR-76	Granit Quarry Entrance	Couser Canyon Rd	0.79	\$5.61	\$9.07	\$3.43	38%
	SR-76	Pankey Rd	Granit Quarry Entrance	0.50	\$3.55	\$5.74	\$2.17	38%
	SR-78	Bear Valley Rd	Old San Pasqual Rd	0.96	\$7.66	\$10.30	\$2.61	26%
East								
Mountain Empire	SR-188	SR-94	International Boarder	1.86	\$13.20	\$21.35	\$8.07	38%
Ramona	SR-67	Dye Rd	Archie Moore Rd	2.77	\$12.90	\$26.67	\$11.93	45%

Source: Fehr & Peers, August 2012

Notes:

¹ To-From segment extents are to the nearest cross street which may not exactly match the identified TIF segment length. The frontage lengths of undeveloped or partially developed parcels have been removed from the segment length.² Projected cost of improvements required due to Non-Eligible TIF Improvements (Cost in Millions)

³ Projected cost of improvements required due to Non-Eligible TIF Improvements, including frontage improvements along developable parcels (Cost in Millions)

⁴ TIF funding available for ME improvement (Cost in Millions), includes 1% adjustment for off-site direct improvements

⁵ Percent of full ME Improvement Cost in which the TIF program will fund, includes 1% adjustment for off-site direct improvements



3.4 TIF Eligible Interchange Improvement Costs

Interchange improvement costs were based upon similar improvement projects recently constructed throughout the County (average of \$12,814,000 per interchange). Only 10% of future growth's costs for freeway interchanges/ramps are recommended to be included in the program. This percentage is representative of the typical local match required when competing for funds for these State highway improvements.

Table 3.4 displays the resulting TIF program fair-share contribution, by sub-region, for each of the identified freeway interchanges.

TABLE 3.4
TIF ELIGIBLE PROGRAM COSTS FOR INTERCHANGES

Sub-Region	Interchange	Fair Share	TIF Cost	
			Base	Adjusted¹
South	I-8 EB/Lake Jennings Park Rd	15.7%	\$202,000	\$199,980
	I-8 WB/Lake Jennings Park Rd	20.4%	\$262,000	\$259,380
	I-8 EB/Dunbar Ln	55.5%	\$711,000	\$703,890
	I-8 WB/Dunbar Ln	46.7%	\$598,000	\$592,020
	I-8 EB/Tavern Rd	24.8%	\$318,000	\$314,820
	I-8 WB/Tavern Rd	35.8%	\$458,000	\$453,420
	I-8 EB/W. Willows Rd	13.3%	\$170,000	\$168,300
	I-8 WB/W. Willows Rd	12.1%	\$155,000	\$153,450
	SR-67 NB/Bradley Ave	2.0%	\$26,000	\$25,740
	SR-67 SB/Bradley Ave	2.2%	\$28,000	\$27,720
	SR-67 NB/Winter Gardens Blvd	5.3%	\$68,000	\$67,320
	SR-67 SB/Winter Gardens Blvd	4.8%	\$61,000	\$60,390
	SR-67 NB/Riverford Rd	32.4%	\$415,000	\$410,850
	SR-67 SB/Riverford Rd	29.1%	\$373,000	\$369,270
	SR-67 NB/Mapleview St	4.0%	\$51,000	\$50,490
	SR-67 SB/Mapleview St	3.9%	\$49,000	\$48,510
	SR-94 EB/Sweetwater Springs Blvd	9.2%	\$118,000	\$116,820
	SR-94 WB/Sweetwater Springs Blvd	9.9%	\$127,000	\$125,730
	Sub-Total		\$4,190,000	\$4,148,100
	North	I-15 NB/E. Mission Rd	19.0%	\$244,000
I-15 SB/E. Mission Rd		13.0%	\$167,000	\$165,330
I-15 NB/Gopher Canyon Rd		32.6%	\$418,000	\$413,820
I-15 SB/Gopher Canyon Rd		24.2%	\$310,000	\$306,900
I-15 NB/Deer Springs Rd		22.4%	\$286,000	\$283,140
I-15 SB/Deer Springs Rd		21.8%	\$280,000	\$277,200
I-15 NB/Pala Road²		12.3%	\$4,000,000	\$3,960,000
I-15 SB/Pala Road²		17.2%	\$4,000,000	\$3,960,000
Sub-Total		\$9,705,000	\$9,607,950	
Total			\$13,895,000	\$13,756,050

Source: Fehr & Peers; August 2012

Note:

¹ TIF Cost reduced by 1% to account for improvements associated future County development off-site direct impacts

² Due to previous commitments, the TIF program will provide a contribution of \$8 million to the scheduled ramp improvements at the I-15/SR-76 interchange.



4.0 Summary of TIF Program Improvements and Costs

This chapter provides a summary of the identified TIF improvements and associated costs.

4.1 TIF Improvements and Associated Program Costs

Tables 4.1 and 4.2 provide a summary of the TIF eligible facilities, along with the associated improvements and estimated costs for both County and State facilities, respectively.

TABLE 4.1

SUMMARY OF TIF ELIGIBLE IMPROVEMENTS AND ASSOCIATED COSTS (COUNTY)

CPA	Name	Segment ¹		Facility Type	Length (Miles)	TIF Improvement		TIF Cost ²	TIF % ³
		To	From			From	To		
South									
Alpine	Alpine Blvd	Ramp I-8 EB	Arnold Wy	RAS	0.66	2.2C	4.1B	\$4.63	99.0%
	Alpine Blvd	Tavern Rd	Alpine Elementary	RAS	0.22	2.2E	2.2A	\$0.94	99.0%
	Alpine Blvd	Louise Dr	E Victoria Dr	RAS	0.26	2.2E	2.2A	\$0.73	64.8%
	Arnold Wy	Tavern Rd	West Victoria Dr	Local	0.53	2.2E	2.2A	\$2.28	99.0%
	Harbison Canyon Rd	Arnold Wy	Bullard Ln	Local	0.67	2.2E	2.2A	\$2.87	99.0%
	Old Highway 80	CPA Boundary	Dunbar Ln	Local	0.27	2.2E	2.2B	\$1.06	99.0%
	Tavern Rd	New Road 11	Ramp I-8 WB	Regional	0.63	2.2C	4.1A	\$0.24	4.7%
	Tavern Rd	Ramp I-8 WB	Alpine Blvd	Regional	0.27	4.1B	4.1A	\$1.16	53.1%
	Tavern Rd	Alpine Blvd	Arnold Wy	Regional	0.27	4.1B	4.1A	\$1.26	99.0%
	Victoria Park Terr	Quail Creek Pl	West Victoria Dr	Local	0.25	2.2E	2.2A	\$1.07	99.0%
	New Road 11	Tavern Rd	Gentian Rd	Local	0.40	2.2E	2.2A	\$0.59	9.1%
	Willows Rd	Ramp I-8 WB	Ramp I-8 EB	RAS	0.12	4.1B	4.1A	\$0.56	99.0%
	Willows Rd	Ramp I-8 EB	Alpine Blvd	RAS	0.03	2.2E	4.1A	\$0.34	99.0%
County Islands	Euclid Ave	24th St	Ridgeway Dr	RAS	0.18	4.1B	4.1A	\$0.84	99.0%
	Euclid Ave	CPA Boundary	CPA Boundary	RAS	0.33	4.1B	4.1A	\$1.44	37.9%
Crest-Dehesa	Dehesa Rd	CPA Boundary	Willow Glen Dr	RAS	1.69	2.2C	4.1B	\$11.87	99.0%
	Granite Hills Dr	CPA Boundary	CPA Boundary	Regional	0.73	2.2E	4.1B	\$5.13	99.0%
	Greenfield Dr	La Cresta Rd	CPA Boundary	Regional	0.47	2.2E	4.1B	\$1.61	48.3%
Jamul-Dulzura	Jefferson Rd	Lyons Valley Rd	Proctor Valley Rd	Local	0.39	2.2E	2.2A	\$0.26	15.2%
	Steele Canyon Rd	CPA Boundary	Campo Rd	Regional	0.46	2.2E	4.1B	\$1.27	38.9%
Lakeside	Ballantyne St	Greenfield Dr	Hart Dr	Regional	0.13	2.2E	4.2B	\$0.92	99.0%
	Ballantyne St	Hart Dr	CPA Boundary	Regional	0.07	2.1A	4.2B	\$0.22	43.8%
	I-8 Business	Lavala Ln	Lake Jennings Park Rd	Regional	2.64	2.2E	4.2B	\$16.18	85.5%
	Industry Rd	Winter Gardens Blvd	Mapleview St (New)	Regional	0.06	2.2E	4.1A	\$0.68	99.0%
	Lake Jennings Park Rd	Mapleview St	El Monte Rd	RAS	0.79	4.1B	4.1A	\$3.69	99.0%



TABLE 4.1

SUMMARY OF TIF ELIGIBLE IMPROVEMENTS AND ASSOCIATED COSTS (COUNTY)

CPA	Name	Segment ¹		Facility Type	Length (Miles)	TIF Improvement		TIF Cost ²	TIF % ³
		To	From			From	To		
Lakeside (Continued)	Mapleview St	Channel Rd	Ramp SR-67 SB	Regional	0.17	2.2C	4.1A	\$1.93	99.0%
	Mapleview St	Ashwood St	Lake Jennings Park Rd	RAS	0.32	4.1B	4.1A	\$1.49	99.0%
	Mapleview St	Industry Rd	Channel Rd	Regional	0.39	2.2E	4.1A	\$1.49	16.7%
	Old Highway 80	Chimney Rock Ln	Marina Springs Ln	Regional	0.39	2.2E	4.1B	\$2.74	99.0%
	Old Highway 80	Marina Springs Ln	Dunbar Ln	Local	2.38	2.2E	2.2B	\$4.38	46.2%
	Riverford Rd	Ramp SR-67 SB	Woodside Ave	Regional	0.09	2.1A	4.1B	\$0.26	76.7%
	Riverford Rd	Mast Blvd	Ramp SR-67 SB	Regional	0.36	4.1B	6.2	\$4.88	59.7%
	Riverside Dr	Vista Camino	Lakeside Ave	Regional	0.50	2.2C	4.1B	\$3.51	99.0%
	Lake Jennings Park Rd	Old Highway 80	Ramp I-8 EB	RAS	0.06	2.2E	4.1B	\$0.43	99.0%
	Winter Gardens Blvd	Industry Rd	SR-67	Regional	0.03	4.1B	4.1A	\$0.14	99.0%
	Winter Gardens Blvd	Ramp SR-67 SB	Pepper Dr	RAS	2.26	4.1B	4.1A	\$10.55	99.0%
	Woodside Ave	Riverford Rd	Marilla Dr	Regional	0.36	2.1A	4.2A	\$0.75	19.0%
	Woodside Ave	Marilla Dr	Winter Gardens Blvd	Regional	0.56	2.2E	4.2A	\$6.12	99.0%
Otay	Otay Lakes Rd	Chula Vist City Limits	Village 13 Drwy#2	RAS	2.11	2.2E	4.1B	\$14.82	99.0%
Spring Valley	Campo Rd	Broadway	Ramp SR-125 NB	RAS	0.07	4.1B	4.1A	\$0.33	99.0%
	Campo Rd	Ramp SR-125 NB	CPA Boundary	RAS	0.22	2.2E	4.1A	\$2.50	99.0%
	Campo Rd	Campo Rd	Sweetwater Springs Blvd	RAS	0.09	4.1B	4.1A	\$0.42	99.0%
	Jamacha Blvd	La Presa Ave	Sweetwater Springs Blvd	RAS	2.00	4.1B	4.1A	\$6.89	42.8%
	Jamacha Blvd	Sweetwater Springs Blvd	CPA Boundary	RAS	0.89	4.1B	4.1A	\$4.16	99.0%
	Sweetwater Springs Blvd	Ramp SR-94 EB	Jamacha Blvd	RAS	1.33	4.1B	4.1A	\$5.84	93.2%
	Sweetwater Rd	Paradise Valley Rd	Jamacha Blvd	RAS	0.04	2.2C	4.1A	\$0.45	99.0%
Valle De Oro	Bancroft Dr	Grossmont Dr	Lemon Ave	Regional	0.05	2.2E	4.2B	\$0.35	99.0%
	Campo Rd	CPA Boundary	Bancroft Dr	RAS	0.25	2.2E	4.1B	\$1.75	99.0%
	Chase Ave	Rancho Valle Ct	Fuerte Dr	Regional	1.06	2.1A	4.1B	\$0.53	7.1%
	Jamacha Blvd	SR-54	SR-94	RAS	0.59	4.1B	4.1A	\$2.75	99.1%
	Jamacha Rd	CPA Boundary	Chase Ave	RAS	0.49	4.1B	4.1A	\$1.96	84.9%
	Jamacha Rd	Chase Ave	Calle Albara	RAS	1.09	4.1B	6.2	\$11.70	82.6%
	Jamacha Rd	Calle Albara	Hilton Head Rd	RAS	0.47	4.1A	6.2	\$3.60	99.0%
	Steele Canyon Rd	Par 4 Dr	Jamul Dr	Regional	0.11	2.2C	4.1B	\$0.41	99.0%
	Steele Canyon Rd	Jamul Dr	CPA Boundary	Regional	0.53	2.2E	4.1B	\$3.72	99.0%
	Willow Glen Dr	Hillsdale Rd	Steele Canyon Rd	RAS	1.20	2.1A	4.1B	\$3.42	76.3%



TABLE 4.1

SUMMARY OF TIF ELIGIBLE IMPROVEMENTS AND ASSOCIATED COSTS (COUNTY)

CPA	Name	Segment ¹		Facility Type	Length (Miles)	TIF Improvement		TIF Cost ²	TIF % ³
						From	To		
		To	From						
North									
Bonsall	Camino Del Rey	Olivehill Rd	Old River Rd	Regional	0.05	2.2C	4.2B	\$0.35	99.0%
	Camino Del Rey	Old River Rd	Cam Del Rey	Regional	0.29	2.2E	4.2B	\$2.06	99.0%
	Champagne Blvd	Old Castle Rd	CPA Boundary	RAS	0.28	2.1A	4.1B	\$0.37	34.9%
	East Vista Way	Mission Ave	Gopher Canyon Rd	RAS	0.94	2.2C	4.1A	\$7.49	99.0%
	East Vista Way	Gopher Canyon Rd	CPA Boundary	RAS	0.73	4.1B	4.1A	\$3.12	53.0%
	Gopher Canyon Rd	Little Gopher Canyon Rd	Ramp I-15 SB	RAS	3.41	2.1A	4.1B	\$4.89	20.2%
	Gopher Canyon Rd	Ramp I-15 SB	Old Highway 395	RAS	0.17	2.2C	4.1B	\$1.20	99.0%
	Melrose Dr	CPA Boundary	Santa Fe Ave	RAS	0.14	4.1A	6.2	\$1.19	26.9%
	North River Rd	CPA Boundary	Mission Ave	Regional	0.48	2.2C	4.1B	\$2.25	65.9%
	Old Highway 395	West Lilac Rd	Ramp I-15 SB	RAS	0.86	2.2C	4.2B	\$3.38	99.0%
	Old Highway 395	Ramp I-15 SB	Cam Del Rey	RAS	1.35	2.2C	4.1B	\$8.92	93.1%
	Osborne St	CPA Boundary	East Vista Way	Local	1.48	2.2E	2.2A	\$2.66	41.5%
Fallbrook	Fallbrook St	Mission Rd	Main St	Local	0.12	2.2E	2.2B	\$0.48	99.0%
	Fallbrook St	Morro Rd	Magarian Rd	Local	0.30	2.2E	2.2B	\$1.18	99.0%
	Old 395	Canonita Dr	Tecalote Dr	RAS	0.57	2.2C	2.1A	\$2.31	98.8%
	Horse Ranch Creek Rd	Stewart Canyon Rd	Pala/SR-76	Regional	1.49	2.2E	4.2A	\$7.93	25.3%
	Reche Rd	Stage Coach Ln	Green Canyon Rd	Local	0.76	2.2E	2.2B	\$1.53	50.6%
	Stage Coach Ln	Mission Rd	Reche Rd	Local	1.33	2.2E	2.2B	\$0.83	15.7%
	Stewart Canyon Rd	Old Highway 395	Horse Ranch Creek Rd	Regional	0.86	2.2E	4.1B	\$1.48	17.0%
North County Metro	Bear Valley Pkwy	Boyle Ave	Old Spanish Tr	RAS	1.26	4.1B	4.1A	\$5.46	37.8%
	Champagne Blvd	Old Castle Rd	Lawrence Welk Dr	RAS	0.68	2.1A	4.1B	\$0.03	1.2%
	Citracado Pkwy	Kauana Loa Dr	Bernardo Ave	RAS	0.10	2.1A	4.1A	\$0.73	63.7%
	Citracado Pkwy	Bernardo Ave	Ramp I-15 SB	RAS	0.87	4.1B	4.1A	\$6.01	60.2%
	El Norte Pkwy	Rees Rd	Nordahl Rd	RAS	0.39	4.1B	4.1A	\$1.82	99.0%
	Harmony Grove Rd	Country Club Dr	Citracado Pkwy	Local	1.08	2.2E	2.2B	\$1.61	37.5%
	Mar Vista Dr	Buena Vista Dr	Cannon Rd	RAS	0.28	2.2E	2.2B	\$0.97	21.1%
	Rock Springs Rd	Nordahl Rd	CPA Boundary	Regional	0.35	2.2C	4.1B	\$2.46	99.0%
	Rock Springs Rd	CPA Boundary	CPA Boundary	Regional	0.18	2.1A	4.1B	\$0.53	41.8%
	South Santa Fe Ave	Montgomery Dr	Smilax Rd	RAS	1.73	4.1B	4.1A	\$7.50	37.8%
	Via Rancho Pkwy	Felicita Rd	Montesano Rd	RAS	0.13	4.1B	4.1A	\$0.56	37.9%
	Via Rancho Pkwy	Del Dios Hwy	Felicita Rd	RAS	2.06	2.2E	4.1A	\$23.41	99.0%



TABLE 4.1

SUMMARY OF TIF ELIGIBLE IMPROVEMENTS AND ASSOCIATED COSTS (COUNTY)

CPA	Name	Segment ¹		Facility Type	Length (Miles)	TIF Improvement		TIF Cost ²	TIF % ³
		To	From			From	To		
San Dieguito	El Apajo	Via De Santa Fe	San Dieguito Rd	Local	0.57	2.2C	2.1A	\$2.31	99.0%
	Paseo Delicias	La Granada	Linea Del Cielo	RAS	0.08	2.2E	2.2A	\$0.35	99.0%
	San Dieguito Rd	CPA Limits	Winland Hills Drive	Regional	0.02	2.2E	4.1A	\$0.23	99.0%
	San Dieguito rd	El Apajo	Calle Del Nid	Regional	0.08	2.2E	4.1A	\$0.91	99.0%
Valley Center	Old Highway 395	Old Castle Rd	CPA Boundary	RAS	0.36	2.1A	4.1B	\$0.77	57.5%
	Cole Grade Rd	Fruitvale Rd	Valley Center Rd	RAS	0.67	2.2E	4.2A	\$7.32	99.0%
	Lilac Rd	Anthony Rd	Cypress Rd	Regional	1.55	2.2E	4.2B	\$11.00	99.0%
	Old Highway 395	CPA Boundary	Cam Del Rey	RAS	0.38	2.2C	4.1B	\$2.67	99.0%
<i>East</i>									
Ramona	Highland Valley Rd	CPA Boundary	Archie Moore Rd	Local	6.62	2.2E	2.2A	\$10.30	35.9%

Source: Fehr & Peers, August 2012

Notes:

¹ To-From segment extents are to the nearest cross street which may not exactly match the identified TIF segment length. The frontage lengths of undeveloped or partially developed parcels have been removed from the segment length.

² TIF funding available for ME improvement (Cost in Millions), includes 1% adjustment for off-site direct improvements

³ Percent of full ME Improvement Cost in which the TIF program will fund, includes 1% adjustment for off-site direct improvements



TABLE 4.2
SUMMARY OF TIF ELIGIBLE IMPROVEMENTS AND ASSOCIATED COST (STATE)

CPA	Name	Segment ¹		Length (Miles)	TIF Improvement		TIF Cost ²	TIF % ³
		To	From		From	To		
South								
Jamul-Dulzura	SR-94	CPA Boundary	Jefferson Rd	2.92	4.1B	4.1A	\$6.50	28%
North								
Fallbrook	SR-76	Granit Quarry Entrance	Couser Canyon Rd	0.79	4.1B	4.1A	\$3.43	38%
	SR-76	Pankey Rd	Granit Quarry Entrance	0.50	4.1B	4.1A	\$2.17	38%
North County Metro	SR-78	Bear Valley Rd	Old San Pasqual Rd	0.96	2.2C	4.1A	\$2.61	26%
East								
Mountain Empire	SR-188	SR-94	International Border	1.86	2.2E	4.1A	\$8.07	38%
Ramona	SR-67	Dye Rd	Archie Moore Rd	2.77	4.1B	4.1A	\$11.93	45%

Source: Fehr & Peers, August 2012

Notes:

¹ To-From segment extents are to the nearest cross street which may not exactly match the identified TIF segment length. The frontage lengths of undeveloped or partially developed parcels have been removed from the segment length.

² TIF funding available for ME improvement (Cost in Millions), includes 1% adjustment for off-site direct improvements

³ Percent of full ME Improvement Cost in which the TIF program will fund, includes 1% adjustment for off-site direct improvements



4.2 Overall TIF Program Costs

Table 4.3 provides a summary of the total TIF program costs by CPA, sub-region and facility type for the unincorporated portions of San Diego County.

TABLE 4.3
SUMMARY OF OVERALL TIF PROGRAM COST (ROADWAY FACILITIES)

Sub-Region	CPA	State	RAS	Regional	Local	Total
South	Alpine	\$0.00	\$7.21	\$2.66	\$7.87	\$17.74
	County Islands	\$0.00	\$2.27	\$0.00	\$0.00	\$2.27
	Crest-Dehesa	\$0.00	\$11.87	\$6.74	\$0.00	\$18.62
	Jamul-Dulzura	\$6.50	\$0.00	\$1.26	\$0.26	\$8.02
	Lakeside	\$0.00	\$16.16	\$39.82	\$4.37	\$60.35
	Otay	\$0.00	\$14.82	\$0.00	\$0.00	\$14.82
	Spring Valley	\$0.00	\$20.59	\$0.00	\$0.00	\$20.59
	Sweetwater	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	Valle De Oro	\$0.00	\$25.20	\$5.02	\$0.00	\$30.22
	Sub-Total	\$6.50	\$98.13	\$55.51	\$12.51	\$172.64
North	Bonsall	\$0.00	\$30.92	\$4.31	\$2.66	\$37.88
	Fallbrook	\$5.60	\$2.30	\$9.40	\$4.02	\$21.33
	North County Metro	\$2.61	\$46.52	\$3.00	\$1.62	\$53.75
	Pala-Pauma	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	Pendleton-De Luz	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	Rainbow	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	San Dieguito	\$0.00	\$0.34	\$1.14	\$2.30	\$3.78
	Valley Center	\$0.00	\$10.76	\$10.99	\$0.00	\$21.75
	Sub-Total	\$8.21	\$90.84	\$28.84	\$10.60	\$138.50
East	Central Mountain	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	Desert	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	Julian	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	Mountain Empire	\$8.07	\$0.00	\$0.00	\$0.00	\$8.07
	North Mountain	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	Ramona	\$11.93	\$0.00	\$0.00	\$10.29	\$22.22
	Sub-Total	\$20.00	\$0.00	\$0.00	\$10.29	\$30.29
Grand Total		\$34.71	\$188.98	\$84.35	\$33.40	\$341.43

Source: Fehr & Peers, August 2012

Table 4.4 provides a summary of the TIF program costs, by sub-region, associated with improvements to freeway interchanges.



TABLE 4.4
SUMMARY OF TIF FUNDING FOR
INTERCHANGES

Sub Region	TIF Cost
South	\$4,148,000
North	\$9,608,000
East	\$0
Total	\$13,756,000

Source: Fehr & Peers, August 2012

As shown, the TIF program includes approximately \$13.76 Million for improvements to freeway interchanges and at-grade State Highway intersections located within the unincorporated portions of the County.

Table 4.5 provides a summary of the total TIF program costs by sub-region and facility type.

TABLE 4.5
TOTAL TIF PROGRAM COST BY SUB-REGION
COST IN MILLIONS (2012 DOLLARS)

Sub-Region	State	RAS	Regional	Local	Total
South	\$10.65	\$98.13	\$55.51	\$12.51	\$176.80
North	\$17.82	\$90.84	\$28.84	\$10.60	\$148.10
East	\$20.00	\$0.00	\$0.00	\$10.29	\$30.29
Total	\$48.47	\$188.97	\$84.35	\$33.40	\$355.19

Source: Fehr & Peers, August 2012

As shown, the TIF program includes over \$355.19 Million of roadway improvements throughout the unincorporated portions of the County of San Diego.

4.3 Total Net Program Costs

As of the writing of this report the current TIF program has a fund balance of \$14.16 million and has committed \$12.18 million to the construction of programmed TIF improvements or the reimbursement of already constructed TIF improvements. The calculation of Total Net Program Cost is displayed below:

Total TIF Program Cost	\$355.19 Million
Prior Commitments	+ \$12.18 Million
Current Fund Balance	- \$14.16 Million
Total Net Program Cost	\$353.21 Million



Attachment A

List of ME Improvements



Appendix A - Mobility Element Roadway Improvements

Sub-Region	CPA	Roadway	To	From	Facility Type	Length (Miles)	Existing Cross-Section	ME Classification	ME Improvement Unit Cost (Millions)	ME Improvement Total Cost (Millions)
South	Alpine	ALPINE	RAMP I-8 EB	RAMP I-8 EB	RAS	0.07	Light Collector	4.1B	\$7.10	\$0.50
South	Alpine	ALPINE	RAMP I-8 EB	ARNOLD	RAS	0.59	Light Collector	4.1B	\$7.10	\$4.19
South	Alpine	ALPINE	TAVERN	UNKNOWN	RAS	0.05	Light Collector	2.2A	\$4.33	\$0.22
South	Alpine	ALPINE	UNKNOWN	ZONE CONNECTOR	RAS	0.17	Light Collector	2.2A	\$4.33	\$0.74
South	Alpine	ALPINE	ZONE CONNECTOR	ZONE CONNECTOR	RAS	0.18	Light Collector	2.2A	\$4.33	\$0.78
South	Alpine	ALPINE	ZONE CONNECTOR	UNKNOWN	RAS	0.14	Light Collector	2.2A	\$4.33	\$0.61
South	Alpine	ALPINE	UNKNOWN	UNKNOWN	RAS	0.08	Light Collector	2.2A	\$4.33	\$0.35
South	Alpine	ALPINE	UNKNOWN	WEST VICTORIA	RAS	0.07	Light Collector	2.2A	\$4.33	\$0.30
South	Alpine	ALPINE	WEST VICTORIA	ELTINGE	RAS	0.05	Light Collector	2.2A	\$4.33	\$0.22
South	Alpine	ALPINE	ELTINGE	ALPINE MHP	RAS	0.29	Light Collector	2.2A	\$4.33	\$1.26
South	Alpine	ALPINE	ALPINE MHP	BAY MEADOWS	RAS	0.11	Light Collector	2.2A	\$4.33	\$0.48
South	Alpine	ALPINE	BAY MEADOWS	PADRE DAM/DANATOS	RAS	0.20	Light Collector	2.2A	\$4.33	\$0.87
South	Alpine	ALPINE	PADRE DAM/DANATOS	ROCK	RAS	0.10	Light Collector	2.2A	\$4.33	\$0.43
South	Alpine	ALPINE	ROCK	RAMP I-8 EB	RAS	0.09	Light Collector	2.2A	\$4.33	\$0.39
South	Alpine	ALPINE	RAMP I-8 EB	SO GRADE/E VICTORIA	RAS	0.07	Light Collector	2.2A	\$4.33	\$0.30
South	Alpine	ARNOLD	TAVERN	ALPINE GROVE	Local	0.10	Light Collector	2.2A	\$4.33	\$0.43
South	Alpine	ARNOLD	ALPINE GROVE	ALPINE VILAGE	Local	0.19	Light Collector	2.2A	\$4.33	\$0.82
South	Alpine	ARNOLD	ALPINE VILAGE	OLIVEWOOD	Local	0.13	Light Collector	2.2A	\$4.33	\$0.56
South	Alpine	ARNOLD	OLIVEWOOD	WEST VICTORIA	Local	0.11	Light Collector	2.2A	\$4.33	\$0.48
South	Alpine	CITRANO LN	UNKNOWN	TAVERN	Local	0.00	New	2.3A	\$12.00	\$3.96
South	Alpine	CITRANO LN	LARKSPUR	UNKNOWN	Local	0.00	New	2.3A	\$12.00	\$4.92
South	Alpine	HARBISON CANYON	ARNOLD	UNKNOWN	Local	0.44	Light Collector	2.2A	\$4.33	\$1.91
South	Alpine	HARBISON CANYON	UNKNOWN	BULLARD	Local	0.23	Light Collector	2.2A	\$4.33	\$1.00
South	Alpine	OLDE 80	SILVA	DUNBAR	Local	0.27	Light Collector	2.2B	\$3.98	\$1.07
South	Alpine	SC 1930	DUNBAR	UNKNOWN	Local	0.00	New	2.3C	\$12.00	\$1.20
South	Alpine	TAVERN	TABERNA VISTA	TABERNA VISTA	Regional	0.23	Town Collector	4.1A	\$8.06	\$1.85
South	Alpine	TAVERN	TABERNA VISTA	VICTORIA MEADOWS	Regional	0.37	Town Collector	4.1A	\$8.06	\$2.98
South	Alpine	TAVERN	VICTORIA MEADOWS	RAMP I-8 WB	Regional	0.03	Town Collector	4.1A	\$8.06	\$0.24
South	Alpine	TAVERN	RAMP I-8 WB	RAMP I-8 HOV EB	Regional	0.17	Town Collector	4.1A	\$8.06	\$1.37
South	Alpine	TAVERN	RAMP I-8 HOV EB	RAMP	Regional	0.06	Town Collector	4.1A	\$8.06	\$0.48
South	Alpine	TAVERN	RAMP	ALPINE	Regional	0.04	Town Collector	4.1A	\$8.06	\$0.32
South	Alpine	TAVERN	ALPINE	ALPINE CREEK CENTER	Regional	0.07	Collector	4.1A	\$4.72	\$0.33
South	Alpine	TAVERN	ALPINE CREEK CENTER	ADMINISTRATION	Regional	0.17	Collector	4.1A	\$4.72	\$0.80
South	Alpine	TAVERN	ADMINISTRATION	ARNOLD	Regional	0.03	Collector	4.1A	\$4.72	\$0.14
South	Alpine	VICTORIA PARK	TAVERN	LARKSPUR	Local	0.00	New	2.2A	\$16.40	\$3.77
South	Alpine	VICTORIA PARK	LARKSPUR	GENTIAN	Local	0.00	New	2.2A	\$16.40	\$2.79
South	Alpine	VICTORIA PARK	UNKNOWN	WEST VICTORIA	Local	0.25	Light Collector	2.2A	\$4.33	\$1.08
South	Alpine	WILLOWS	VIEJAS GRADE	UNKNOWN	RAS	0.62	Light Collector	4.2A	\$11.03	\$6.84
South	Alpine	WILLOWS	UNKNOWN	VIEJAS ROW	RAS	0.35	Light Collector	4.2A	\$11.03	\$3.86
South	Alpine	WILLOWS	RAMP I-8 WB	RAMP I-8 EB	RAS	0.12	Collector	4.1A	\$4.72	\$0.57
South	Alpine	WILLOWS	RAMP I-8 EB	ALPINE	RAS	0.03	Light Collector	4.1A	\$11.48	\$0.34
South	County Islands	EUCLID	24TH	RIDGEWAY	RAS	0.18	Collector	4.1A	\$4.72	\$0.85

Appendix A - Mobility Element Roadway Improvements

Sub-Region	CPA	Roadway	To	From	Facility Type	Length (Miles)	Existing Cross-Section	ME Classification	ME Improvement Unit Cost (Millions)	ME Improvement Total Cost (Millions)
South	County Islands	EUCLID	RIDGEWAY	NORTH OF SWEETWATER	RAS	0.29	Light Collector	4.1A	\$11.48	\$3.33
South	County Islands	EUCLID	RIDGEWAY	NORTH OF SWEETWATER	RAS	0.01	Light Collector	4.1A	\$11.48	\$0.11
South	County Islands	EUCLID	NORTH OF SWEETWATER	SWEETWATER	RAS	0.03	Light Collector	4.1A	\$11.48	\$0.34
South	County Islands	MIRAMAR	RAMP I-15 NB	RAMP I-15 SB	RAS	0.09	Collector	4.1A	\$4.72	\$0.42
South	County Islands	POMERADO	WILLOW CREEK	UNKNOWN	RAS	0.52	Town Collector	4.1A	\$8.06	\$4.19
South	County Islands	POMERADO	UNKNOWN	RAMP I-15 NB	RAS	0.06	Light Collector	4.1A	\$11.48	\$0.69
South	County Islands	POMERADO	RAMP I-15 NB	RAMP I-15 NB	RAS	0.11	Town Collector	4.1A	\$8.06	\$0.89
South	County Islands	SWEETWATER	RAMP I-805 SB	RAMP I-805 NB	RAS	0.05	Collector	6.2	\$12.99	\$0.65
South	County Islands	SWEETWATER	RAMP I-805 NB	OLIVE	RAS	0.07	Collector	6.2	\$12.99	\$0.91
South	County Islands	SWEETWATER	OLIVE	ORANGE	RAS	0.04	Collector	6.2	\$12.99	\$0.52
South	Crest-Dehesa	DEHESA	GRANITE HILLS	CALLE ENCANTO	RAS	0.32	Light Collector	4.1B	\$7.10	\$2.27
South	Crest-Dehesa	DEHESA	CALLE ENCANTO	VISTA GRANDE	RAS	0.32	Light Collector	4.1B	\$7.10	\$2.27
South	Crest-Dehesa	DEHESA	VISTA GRANDE	SINGING TRAILS	RAS	0.44	Light Collector	4.1B	\$7.10	\$3.12
South	Crest-Dehesa	DEHESA	SINGING TRAILS	DEHESA-NEW	RAS	0.12	Light Collector	4.1B	\$7.10	\$0.85
South	Crest-Dehesa	DEHESA	DEHESA-NEW	WILLOW GLEN	RAS	0.04	Light Collector	4.1B	\$7.10	\$0.28
South	Crest-Dehesa	DEHESA	WILLOW GLEN	ZONE CONNECTOR	RAS	0.42	Light Collector	4.1B	\$7.10	\$2.98
South	Crest-Dehesa	DEHESA	ZONE CONNECTOR	SYCUAN SUMMIT	RAS	0.57	Light Collector	4.1B	\$7.10	\$4.05
South	Crest-Dehesa	DEHESA	SYCUAN SUMMIT	UNKNOWN	RAS	0.81	Light Collector	4.1B	\$7.10	\$5.75
South	Crest-Dehesa	DEHESA	UNKNOWN	UNKNOWN	RAS	0.91	Light Collector	4.1B	\$7.10	\$6.46
South	Crest-Dehesa	DEHESA	UNKNOWN	HARBISON CANYON	RAS	0.51	Light Collector	4.1B	\$7.10	\$3.62
South	Crest-Dehesa	DEHESA	HARBISON CANYON	ZONE CONNECTOR	RAS	0.25	Light Collector	4.1B	\$7.10	\$1.77
South	Crest-Dehesa	DEHESA	ZONE CONNECTOR	SYCUAN	RAS	0.48	Light Collector	4.1B	\$7.10	\$3.41
South	Crest-Dehesa	DEHESA-NEW	DEHESA	DEHESA	RAS	0.65	Light Collector	4.1B	\$7.10	\$3.19
South	Crest-Dehesa	GRANITE HILLS	LEXINGTON	WASHINGTON	Regional	0.31	Light Collector	4.1B	\$7.10	\$2.20
South	Crest-Dehesa	GRANITE HILLS	MELODY	LEXINGTON	Regional	0.26	Light Collector	4.1B	\$7.10	\$1.85
South	Crest-Dehesa	GRANITE HILLS	04TH	MELODY	Regional	0.12	Light Collector	4.1B	\$7.10	\$0.85
South	Crest-Dehesa	GRANITE HILLS	04TH	MELODY	Regional	0.03	Light Collector	4.1B	\$7.10	\$0.14
South	Crest-Dehesa	GRANITE HILLS	04TH	MELODY	Regional	0.02	Light Collector	4.1B	\$7.10	\$0.14
South	Crest-Dehesa	GREENFIELD	BERMUDA LANE	CANDLE	Regional	0.06	Light Collector	4.1B	\$7.10	\$0.43
South	Crest-Dehesa	GREENFIELD	CANDLE	SYCAMORE	Regional	0.08	Light Collector	4.1B	\$7.10	\$0.57
South	Crest-Dehesa	GREENFIELD	SYCAMORE	LA CRESTA	Regional	0.15	Light Collector	4.1B	\$7.10	\$1.06
South	Crest-Dehesa	GREENFIELD	LA CRESTA	ZONE CONNECTOR	Regional	0.24	Light Collector	4.1B	\$7.10	\$1.70
South	Crest-Dehesa	GREENFIELD	ZONE CONNECTOR	MADISON	Regional	0.23	Light Collector	4.1B	\$7.10	\$1.63
South	Jamul-Dulzura	CAMPO	ZONE CONNECTOR	SR-94	State	0.08	Town Collector	4.1A	\$8.06	\$0.64
South	Jamul-Dulzura	CAMPO	SR-94	FAIR ACRES	State	0.19	Town Collector	4.1A	\$8.06	\$1.53
South	Jamul-Dulzura	CAMPO	FAIR ACRES	STEELE CANYON	State	0.29	Town Collector	4.1A	\$8.06	\$2.34
South	Jamul-Dulzura	CAMPO	STEELE CANYON	RANCHO MIGUEL	State	0.18	Town Collector	4.1A	\$8.06	\$1.45
South	Jamul-Dulzura	CAMPO	RANCHO MIGUEL	VISTA SAGE	State	1.13	Town Collector	4.1A	\$8.06	\$9.10
South	Jamul-Dulzura	CAMPO	VISTA SAGE	VISTA DIEGO	State	0.62	Town Collector	4.1A	\$8.06	\$5.00
South	Jamul-Dulzura	CAMPO	VISTA DIEGO	LYONS VALLEY	State	0.09	Town Collector	4.1A	\$8.06	\$0.73
South	Jamul-Dulzura	CAMPO	LYONS VALLEY	UNKNOWN	State	0.21	Town Collector	4.1A	\$8.06	\$1.69
South	Jamul-Dulzura	CAMPO	UNKNOWN	JEFFERSON	State	0.13	Town Collector	4.1A	\$8.06	\$1.05

Appendix A - Mobility Element Roadway Improvements

Sub-Region	CPA	Roadway	To	From	Facility Type	Length (Miles)	Existing Cross-Section	ME Classification	ME Improvement Unit Cost (Millions)	ME Improvement Total Cost (Millions)
South	Jamul-Dulzura	CAMPO	JEFFERSON	ZONE CONNECTOR	State	0.28	Town Collector	4.1A	\$8.06	\$2.26
South	Jamul-Dulzura	CAMPO	ZONE CONNECTOR	MAXFIELD	State	0.09	Town Collector	4.1A	\$8.06	\$0.73
South	Jamul-Dulzura	CAMPO	MAXFIELD	HILLSIDE	State	0.16	Town Collector	4.1A	\$8.06	\$1.29
South	Jamul-Dulzura	CAMPO	HILLSIDE	MELODY	State	0.35	Town Collector	4.1A	\$8.06	\$2.82
South	Jamul-Dulzura	JEFFERSON	LYONS VALLEY	OLIVE VISTA	Local	0.06	Light Collector	2.2A	\$4.33	\$0.26
South	Jamul-Dulzura	JEFFERSON	OLIVE VISTA	ZONE CONNECTOR	Local	0.18	Light Collector	2.2A	\$4.33	\$0.78
South	Jamul-Dulzura	JEFFERSON	ZONE CONNECTOR	PROCTOR VALLEY	Local	0.15	Light Collector	2.2A	\$4.33	\$0.65
South	Jamul-Dulzura	LYONS VALLEY	CAMPO	OLIVE VISTA	Local	0.19	Light Collector	2.2B	\$3.98	\$0.76
South	Jamul-Dulzura	LYONS VALLEY	OLIVE VISTA	JEFFERSON	Local	0.18	Light Collector	2.2B	\$3.98	\$0.72
South	Jamul-Dulzura	LYONS VALLEY	JEFFERSON	RESERVOIR	Local	0.19	Light Collector	2.2B	\$3.98	\$0.76
South	Jamul-Dulzura	LYONS VALLEY	RESERVOIR	JAMUL	Local	0.18	Light Collector	2.2B	\$3.98	\$0.72
South	Jamul-Dulzura	LYONS VALLEY	JAMUL	RIO GRANDE	Local	0.42	Light Collector	2.2B	\$3.98	\$1.67
South	Jamul-Dulzura	LYONS VALLEY	RIO GRANDE	PEG LEG MINE	Local	0.06	Light Collector	2.2B	\$3.98	\$0.24
South	Jamul-Dulzura	LYONS VALLEY	PEG LEG MINE	ROCKY SAGE	Local	0.24	Light Collector	2.2B	\$3.98	\$0.96
South	Jamul-Dulzura	LYONS VALLEY	ROCKY SAGE	SC 760	Local	0.04	Light Collector	2.2B	\$3.98	\$0.16
South	Jamul-Dulzura	LYONS VALLEY	SC 760	SKYLINE TRUCK	Local	0.12	Light Collector	2.2B	\$3.98	\$0.48
South	Jamul-Dulzura	SR-94	CAMPO	CAMPO	State	0.42	Town Collector	4.1A	\$8.06	\$3.38
South	Jamul-Dulzura	STEELE CANYON	OLD CALIFORNIA	VISTA CIELO	Regional	0.28	Light Collector	4.1B	\$7.10	\$1.99
South	Jamul-Dulzura	STEELE CANYON	VISTA CIELO	CAMPO	Regional	0.18	Light Collector	4.1B	\$7.10	\$1.28
South	Lakeside	ASHWOOD	WILLOW	ZONE CONNECTOR	Regional	0.43	Light Collector	4.1A	\$11.48	\$4.94
South	Lakeside	ASHWOOD	ZONE CONNECTOR	ZONE CONNECTOR	Regional	0.38	Light Collector	4.1A	\$11.48	\$4.36
South	Lakeside	ASHWOOD	ZONE CONNECTOR	MAPLEVIEW	Regional	0.18	Light Collector	4.1A	\$11.48	\$2.07
South	Lakeside	BALLANTYNE	GRAVES	HART	Regional	0.13	Light Collector	4.2B	\$7.17	\$0.93
South	Lakeside	BALLANTYNE	HART	BROADWAY	Regional	0.07	Light Collector	4.2B	\$7.17	\$0.50
South	Lakeside	BRADLEY	MAGNOLIA	RAMP SR-67 SB	RAS	0.06	Light Collector	4.1B	\$7.10	\$0.43
South	Lakeside	BRADLEY	RAMP SR-67 SB	RAMP SR-67 NB	RAS	0.08	Light Collector	4.1B	\$7.10	\$0.57
South	Lakeside	BRADLEY	RAMP SR-67 NB	GRAVES	RAS	0.05	Light Collector	4.1B	\$7.10	\$0.35
South	Lakeside	BRADLEY	GRAVES	201	RAS	0.11	Light Collector	4.1B	\$7.10	\$0.78
South	Lakeside	BRADLEY	201	325/360	RAS	0.09	Light Collector	4.1B	\$7.10	\$0.64
South	Lakeside	BRADLEY	325/360	450/465-MHP/469	RAS	0.12	Light Collector	4.1B	\$7.10	\$0.85
South	Lakeside	BRADLEY	450/465-MHP/469	MOLLISON	RAS	0.10	Light Collector	4.1B	\$7.10	\$0.71
South	Lakeside	BRADLEY	UNKNOWN	01ST	RAS	0.12	Light Collector	4.1B	\$7.10	\$0.85
South	Lakeside	BRADLEY	01ST	SOMERLANE	RAS	0.00	New	4.1B	\$20.77	\$7.48
South	Lakeside	BROAD OAKS	HAWLEY	SC 1930	Local	0.00	New	2.3C	\$12.00	\$6.48
South	Lakeside	GRAVES	PEPPER	DANNY	Regional	0.23	Light Collector	4.1B	\$7.10	\$1.63
South	Lakeside	GRAVES	DANNY	BRADLEY	Regional	0.21	Light Collector	4.1B	\$7.10	\$1.49
South	Lakeside	I-8 BUSINESS	12970-RANCH VALLEY	LAVALA	Regional	0.15	Light Collector	4.2B	\$7.17	\$1.07
South	Lakeside	I-8 BUSINESS	13162(TERRACE VIEW)	12970-RANCH VALLEY	Regional	0.18	Light Collector	4.2B	\$7.17	\$1.29
South	Lakeside	I-8 BUSINESS	JACKSON HILL	13162(TERRACE VIEW)	Regional	0.13	Light Collector	4.2B	\$7.17	\$0.93
South	Lakeside	I-8 BUSINESS	13162	JACKSON HILL	Regional	0.13	Light Collector	4.2B	\$7.17	\$0.93
South	Lakeside	I-8 BUSINESS	UNKNOWN	13162	Regional	0.17	Light Collector	4.2B	\$7.17	\$1.22
South	Lakeside	I-8 BUSINESS	LOS COCHES/CM CANADA	UNKNOWN	Regional	0.16	Light Collector	4.2B	\$7.17	\$1.15

Appendix A - Mobility Element Roadway Improvements

Sub-Region	CPA	Roadway	To	From	Facility Type	Length (Miles)	Existing Cross-Section	ME Classification	ME Improvement Unit Cost (Millions)	ME Improvement Total Cost (Millions)
South	Lakeside	I-8 BUSINESS	13439(VONS)	LOS COCHES/CM CANADA	Regional	0.04	Light Collector	4.2B	\$7.17	\$0.29
South	Lakeside	I-8 BUSINESS	WAL-MART	13439(VONS)	Regional	0.02	Light Collector	4.2B	\$7.17	\$0.14
South	Lakeside	I-8 BUSINESS	13450-LAMPLITER	WAL-MART	Regional	0.02	Light Collector	4.2B	\$7.17	\$0.14
South	Lakeside	I-8 BUSINESS	13460-PANARAMA	13450-LAMPLITER	Regional	0.07	Light Collector	4.2B	\$7.17	\$0.50
South	Lakeside	I-8 BUSINESS	13468	13460-PANARAMA	Regional	0.14	Light Collector	4.2B	\$7.17	\$1.00
South	Lakeside	I-8 BUSINESS	13490	13468	Regional	0.12	Light Collector	4.2B	\$7.17	\$0.86
South	Lakeside	I-8 BUSINESS	13545	13490	Regional	0.09	Light Collector	4.2B	\$7.17	\$0.64
South	Lakeside	I-8 BUSINESS	13594	13545	Regional	0.08	Light Collector	4.2B	\$7.17	\$0.57
South	Lakeside	I-8 BUSINESS	13655/LAKE VIEW	13594	Regional	0.14	Light Collector	4.2B	\$7.17	\$1.00
South	Lakeside	I-8 BUSINESS	13720(TWDW MHP)	13655/LAKE VIEW	Regional	0.14	Light Collector	4.2B	\$7.17	\$1.00
South	Lakeside	I-8 BUSINESS	LAKEVIEW/13754	13720(TWDW MHP)	Regional	0.09	Light Collector	4.2B	\$7.17	\$0.64
South	Lakeside	I-8 BUSINESS	13792(HILLS MHP)	LAKEVIEW/13754	Regional	0.08	Light Collector	4.2B	\$7.17	\$0.57
South	Lakeside	I-8 BUSINESS	PINKARD	13792(HILLS MHP)	Regional	0.15	Light Collector	4.2B	\$7.17	\$1.07
South	Lakeside	I-8 BUSINESS	UNKNOWN	PINKARD	Regional	0.08	Light Collector	4.2B	\$7.17	\$0.57
South	Lakeside	I-8 BUSINESS	LAKESIDE FIRE DEPT	UNKNOWN	Regional	0.13	Light Collector	4.2B	\$7.17	\$0.93
South	Lakeside	I-8 BUSINESS	UNKNOWN	LAKESIDE FIRE DEPT	Regional	0.16	Light Collector	4.2B	\$7.17	\$1.15
South	Lakeside	I-8 BUSINESS	LAKE JENNINGS PARK	UNKNOWN	Regional	0.17	Light Collector	4.2B	\$7.17	\$1.22
South	Lakeside	INDUSTRY	WINTER GARDENS	MAPLEVIEW	Regional	0.06	Light Collector	4.1A	\$11.48	\$0.69
South	Lakeside	LAKE JENNINGS PARK	MAPLEVIEW	PINO	RAS	0.16	Collector	4.1A	\$4.72	\$0.75
South	Lakeside	LAKE JENNINGS PARK	PINO	WINCHESTER	RAS	0.32	Collector	4.1A	\$4.72	\$1.51
South	Lakeside	LAKE JENNINGS PARK	WINCHESTER	EL MONTE	RAS	0.31	Collector	4.1A	\$4.72	\$1.46
South	Lakeside	LAKE JENNINGS PARK	EL MONTE	ZONE CONNECTOR	RAS	0.50	Light Collector	4.1B	\$7.10	\$3.55
South	Lakeside	LAKE JENNINGS PARK	ZONE CONNECTOR	AMERICAN	RAS	0.37	Light Collector	4.1B	\$7.10	\$2.63
South	Lakeside	LAKE JENNINGS PARK	AMERICAN	PINKARD	RAS	0.50	Light Collector	4.1B	\$7.10	\$3.55
South	Lakeside	LAKE JENNINGS PARK	PINKARD	HARRITT	RAS	0.10	Light Collector	4.1B	\$7.10	\$0.71
South	Lakeside	LAKE JENNINGS PARK	HARRITT	JENNINGS VISTA	RAS	0.03	Light Collector	4.1B	\$7.10	\$0.21
South	Lakeside	LAKE JENNINGS PARK	JENNINGS VISTA	HWY 8/BLOSSOM VALLEY	RAS	0.08	Light Collector	4.1B	\$7.10	\$0.57
South	Lakeside	LAKE JENNINGS PARK	HWY 8/BLOSSOM VALLEY	RAMP I-8 WB	RAS	0.05	Light Collector	4.1B	\$7.10	\$0.35
South	Lakeside	LAKE JENNINGS PARK	RAMP I-8 WB	RAMP I-8 WB	RAS	0.03	Light Collector	4.1B	\$7.10	\$0.21
South	Lakeside	LAKE JENNINGS PARK	RAMP I-8 WB	SIERRA ALTA	RAS	0.04	Light Collector	4.1B	\$7.10	\$0.28
South	Lakeside	MAGNOLIA	AIRPORT	1681	Regional	0.15	Light Collector	4.1B	\$7.10	\$1.06
South	Lakeside	MAGNOLIA	1681	DENNY	Regional	0.12	Light Collector	4.1B	\$7.10	\$0.85
South	Lakeside	MAGNOLIA	BRADLEY	CYPRESS	Regional	0.15	Light Collector	4.1B	\$7.10	\$1.06
South	Lakeside	MAGNOLIA	CYPRESS	UNKNOWN	Regional	0.17	Light Collector	4.1B	\$7.10	\$1.21
South	Lakeside	MAGNOLIA	UNKNOWN	VERNON	Regional	0.14	Light Collector	4.1B	\$7.10	\$0.99
South	Lakeside	MAPLEVIEW	ZONE CONNECTOR	INDUSTRY	Regional	0.00	New	4.1A	\$22.92	\$3.44
South	Lakeside	MAPLEVIEW	CHANNEL	ZONE CONNECTOR	Regional	0.00	New	4.1A	\$22.92	\$5.50
South	Lakeside	MAPLEVIEW	CHANNEL	RAMP SR-67 SB	Regional	0.17	Light Collector	4.1A	\$11.48	\$1.95
South	Lakeside	MAPLEVIEW	RAMP SR-67 SB	UNKNOWN	RAS	0.03	Light Collector	4.1A	\$11.48	\$0.34
South	Lakeside	MAPLEVIEW	UNKNOWN	UNKNOWN	RAS	0.02	Light Collector	4.1A	\$11.48	\$0.23
South	Lakeside	MAPLEVIEW	UNKNOWN	MAINE	RAS	0.03	Light Collector	4.1A	\$11.48	\$0.34
South	Lakeside	MAPLEVIEW	MAINE	VINE	RAS	0.04	Light Collector	4.1A	\$11.48	\$0.46

Appendix A - Mobility Element Roadway Improvements

Sub-Region	CPA	Roadway	To	From	Facility Type	Length (Miles)	Existing Cross-Section	ME Classification	ME Improvement Unit Cost (Millions)	ME Improvement Total Cost (Millions)
South	Lakeside	MAPLEVIEW	VINE	UNKNOWN	RAS	0.15	Collector	4.1A	\$4.72	\$0.71
South	Lakeside	MAPLEVIEW	UNKNOWN	ASHWOOD	RAS	0.08	Collector	4.1A	\$4.72	\$0.38
South	Lakeside	MAPLEVIEW	ASHWOOD	-12823/12840-APTS	RAS	0.32	Collector	4.1A	\$4.72	\$1.51
South	Lakeside	MAST	LOS RANCHITOS	UNNAMED LKS	Regional	0.00	New	4.1B	\$20.77	\$2.91
South	Lakeside	MAST	UNNAMED LKS	UNKNOWN	Regional	0.00	New	4.1B	\$20.77	\$4.57
South	Lakeside	MAST	UNKNOWN	RIVERFORD	Regional	0.00	New	4.1B	\$20.77	\$4.98
South	Lakeside	OLDE 80	RAMP I-8 EB	PECAN PARK	Regional	0.03	Light Collector	4.1B	\$7.10	\$0.21
South	Lakeside	OLDE 80	PECAN PARK	PECAN PARK	Regional	0.30	Light Collector	4.1B	\$7.10	\$2.13
South	Lakeside	OLDE 80	PECAN PARK	14315/14328	Regional	0.07	Light Collector	4.1B	\$7.10	\$0.50
South	Lakeside	OLDE 80	14315/14328	BOND	Regional	0.08	Light Collector	4.1B	\$7.10	\$0.57
South	Lakeside	OLDE 80	BOND	ZONE CONNECTOR	Regional	0.20	Light Collector	4.1B	\$7.10	\$1.42
South	Lakeside	OLDE 80	ZONE CONNECTOR	CHIMNEY ROCK	Regional	0.09	Light Collector	4.1B	\$7.10	\$0.64
South	Lakeside	OLDE 80	CHIMNEY ROCK	UNKNOWN	Regional	0.21	Light Collector	4.1B	\$7.10	\$1.49
South	Lakeside	OLDE 80	UNKNOWN	MARINA SPRINGS	Regional	0.18	Light Collector	4.1B	\$7.10	\$1.28
South	Lakeside	OLDE 80	MARINA SPRINGS	LABRADOR	Local	0.24	Light Collector	2.2B	\$3.98	\$0.96
South	Lakeside	OLDE 80	LABRADOR	FLINN SPRINGS	Local	0.45	Light Collector	2.2B	\$3.98	\$1.79
South	Lakeside	OLDE 80	FLINN SPRINGS	15141 HOLIDAY R	Local	0.15	Light Collector	2.2B	\$3.98	\$0.60
South	Lakeside	OLDE 80	15141 HOLIDAY R	15353/OAK CREEK	Local	0.43	Light Collector	2.2B	\$3.98	\$1.71
South	Lakeside	OLDE 80	15353/OAK CREEK	15405/15420(MHP)	Local	0.12	Light Collector	2.2B	\$3.98	\$0.48
South	Lakeside	OLDE 80	15405/15420(MHP)	HAWLEY	Local	0.37	Light Collector	2.2B	\$3.98	\$1.47
South	Lakeside	OLDE 80	HAWLEY	SILVA	Local	0.54	Light Collector	2.2B	\$3.98	\$2.15
South	Lakeside	OLDE 80	SILVA	DUNBAR	Local	0.08	Light Collector	2.2B	\$3.98	\$0.32
South	Lakeside	PEPPER	SOMERLANE	02ND/WINTER GARDENS	RAS	0.16	Light Collector	4.1B	\$7.10	\$1.14
South	Lakeside	PEPPER	SOMERLANE	02ND/WINTER GARDENS	RAS	0.09	Light Collector	4.1B	\$7.10	\$0.64
South	Lakeside	RIVERFORD	RIVERSIDE/MAST	UNKNOWN	Regional	0.32	Town Collector	6.2	\$22.71	\$2.27
South	Lakeside	RIVERFORD	UNKNOWN	WOODSIDE(N)	Regional	0.22	Town Collector	6.2	\$22.71	\$5.00
South	Lakeside	RIVERFORD	WOODSIDE(N)	RAMP SR-67 SB	Regional	0.04	Town Collector	6.2	\$22.71	\$0.91
South	Lakeside	RIVERFORD	RAMP SR-67 SB	WOODSIDE	Regional	0.09	Town Collector	4.1B	\$3.74	\$0.34
South	Lakeside	RIVERSIDE	RIVERFORD	PALM ROW	Regional	0.28	Light Collector	4.1B	\$7.10	\$1.99
South	Lakeside	RIVERSIDE	PALM ROW	VISTA CAMINO	Regional	0.21	Light Collector	4.1B	\$7.10	\$1.49
South	Lakeside	RIVERSIDE	VISTA CAMINO	CHARLESTON BAY	Regional	0.18	Light Collector	4.1B	\$7.10	\$1.28
South	Lakeside	RIVERSIDE	CHARLESTON BAY	VALLE VISTA BYPASS	Regional	0.14	Light Collector	4.1B	\$7.10	\$0.99
South	Lakeside	RIVERSIDE	VALLE VISTA BYPASS	VALLE VISTA BYPASS	Regional	0.04	Light Collector	4.1B	\$7.10	\$0.28
South	Lakeside	RIVERSIDE	VALLE VISTA BYPASS	LAKESIDE	Regional	0.14	Light Collector	4.1B	\$7.10	\$0.99
South	Lakeside	SIERRA ALTA	RAMP I-8 EB	OLDE 80	RAS	0.03	Light Collector	4.1B	\$7.10	\$0.21
South	Lakeside	SIERRA ALTA	RAMP I-8 EB	RAMP I-8 EB	RAS	0.03	Light Collector	4.1B	\$7.10	\$0.21
South	Lakeside	SIERRA ALTA	LAKE JENNINGS PARK	RAMP I-8 EB	RAS	0.03	Light Collector	4.1B	\$7.10	\$0.21
South	Lakeside	SR-67	SCRIPPS POWAY	SYCAMORE PARK	State	0.69	Town Collector	4.1A	\$8.06	\$5.56
South	Lakeside	SR-67	SYCAMORE PARK	UNKNOWN	State	0.39	Town Collector	4.1A	\$8.06	\$3.14
South	Lakeside	SR-67	UNKNOWN	UNKNOWN	State	1.12	Town Collector	4.1A	\$8.06	\$9.02
South	Lakeside	SR-67	SLAUGHTERHOUSE CNYN	VIGILANTE	State	0.23	Light Collector	4.1A	\$11.48	\$2.64
South	Lakeside	SR-67	VIGILANTE	UNKNOWN	State	0.24	Light Collector	4.1A	\$11.48	\$2.76

Appendix A - Mobility Element Roadway Improvements

Sub-Region	CPA	Roadway	To	From	Facility Type	Length (Miles)	Existing Cross-Section	ME Classification	ME Improvement Unit Cost (Millions)	ME Improvement Total Cost (Millions)
South	Lakeside	SR-67	UNKNOWN	JOHNSON LAKE	State	0.35	Light Collector	4.1A	\$11.48	\$4.02
South	Lakeside	SR-67	JOHNSON LAKE	POST HILL	State	0.70	Light Collector	4.1A	\$11.48	\$8.04
South	Lakeside	SR-67	POST HILL	ZONE CONNECTOR	State	0.62	Light Collector	4.1A	\$11.48	\$7.12
South	Lakeside	SR-67	ZONE CONNECTOR	UNKNOWN	State	0.40	Light Collector	4.1A	\$11.48	\$4.59
South	Lakeside	SR-67	UNKNOWN	WILLOW	State	0.13	Light Collector	4.1A	\$11.48	\$1.49
South	Lakeside	SR-67	WILLOW	UNKNOWN	State	0.00	New	4.1A	\$22.92	\$3.44
South	Lakeside	SR-67	UNKNOWN	UNKNOWN	State	0.38	Light Collector	4.1A	\$11.48	\$4.36
South	Lakeside	UNNAMED LKS	EL NOPAL	MAST	Local	0.00	New	2.2E	\$12.89	\$3.09
South	Lakeside	WILLOW NEW	WILLOW	LAKESIDE	RAS	0.00	New	2.2E	\$12.89	\$4.12
South	Lakeside	WINTER GARDENS	INDUSTRY	RAMP	Regional	0.03	Collector	4.1A	\$4.72	\$0.14
South	Lakeside	WINTER GARDENS	RAMP	RAMP SR-67 SB	RAS	0.01	Collector	4.1A	\$4.72	\$0.05
South	Lakeside	WINTER GARDENS	RAMP SR-67 SB	RAMP SR-67 SB	RAS	0.03	Collector	4.1A	\$4.72	\$0.14
South	Lakeside	WINTER GARDENS	RAMP SR-67 SB	RAMP SR-67 NB	RAS	0.10	Collector	4.1A	\$4.72	\$0.47
South	Lakeside	WINTER GARDENS	RAMP SR-67 NB	WOODSIDE	RAS	0.09	Collector	4.1A	\$4.72	\$0.42
South	Lakeside	WINTER GARDENS	LEMON CREST	ZONE CONNECTOR	RAS	0.12	Collector	4.1A	\$4.72	\$0.57
South	Lakeside	WINTER GARDENS	ZONE CONNECTOR	ROCKCREST	RAS	0.09	Collector	4.1A	\$4.72	\$0.42
South	Lakeside	WINTER GARDENS	ROCKCREST	FAIR	RAS	0.39	Collector	4.1A	\$4.72	\$1.84
South	Lakeside	WINTER GARDENS	FAIR	GAY RIO	RAS	0.16	Collector	4.1A	\$4.72	\$0.75
South	Lakeside	WINTER GARDENS	GAY RIO	CREEKFORD	RAS	0.03	Collector	4.1A	\$4.72	\$0.14
South	Lakeside	WINTER GARDENS	CREEKFORD	8755/8760	RAS	0.19	Collector	4.1A	\$4.72	\$0.90
South	Lakeside	WINTER GARDENS	8755/8760	8661-MHP	RAS	0.10	Collector	4.1A	\$4.72	\$0.47
South	Lakeside	WINTER GARDENS	8661-MHP	SAPOTA	RAS	0.21	Collector	4.1A	\$4.72	\$0.99
South	Lakeside	WINTER GARDENS	SAPOTA	GOLDEN RIDGE	RAS	0.13	Collector	4.1A	\$4.72	\$0.61
South	Lakeside	WINTER GARDENS	GOLDEN RIDGE	SHORT/ORCHARD	RAS	0.24	Collector	4.1A	\$4.72	\$1.13
South	Lakeside	WINTER GARDENS	SHORT/ORCHARD	ROYAL	RAS	0.13	Collector	4.1A	\$4.72	\$0.61
South	Lakeside	WINTER GARDENS	ROYAL	PEPPER	RAS	0.24	Collector	4.1A	\$4.72	\$1.13
South	Lakeside	WOODSIDE	SECURITY	RAMP SR-67 NB	Regional	0.03	Light Collector	4.2A	\$11.03	\$0.33
South	Lakeside	WOODSIDE	RAMP SR-67 NB	RIVERFORD	Regional	0.06	Light Collector	4.2A	\$11.03	\$0.66
South	Lakeside	WOODSIDE	RIVERFORD	RAMP SR-67 NB	Regional	0.06	Light Collector	4.2A	\$11.03	\$0.66
South	Lakeside	WOODSIDE	RAMP SR-67 NB	UNKNOWN	Regional	0.19	Light Collector	4.2A	\$11.03	\$2.10
South	Lakeside	WOODSIDE	UNKNOWN	MARILLA	Regional	0.11	Light Collector	4.2A	\$11.03	\$1.21
South	Lakeside	WOODSIDE	MARILLA	UNKNOWN	Regional	0.10	Light Collector	4.2A	\$11.03	\$1.10
South	Lakeside	WOODSIDE	UNKNOWN	RIVERVIEW	Regional	0.11	Light Collector	4.2A	\$11.03	\$1.21
South	Lakeside	WOODSIDE	RIVERVIEW	11980/12001-APTS	Regional	0.18	Light Collector	4.2A	\$11.03	\$1.99
South	Lakeside	WOODSIDE	11980/12001-APTS	WINTER GARDENS	Regional	0.17	Light Collector	4.2A	\$11.03	\$1.88
South	Otay	AIRWAY	FARADAY	ENRICO FERMI	Regional	0.24	Light Collector	4.1A	\$11.48	\$2.76
South	Otay	AIRWAY	ENRICO FERMI	UNKNOWN	Regional	0.00	New	4.1A	\$22.92	\$5.96
South	Otay	AIRWAY	UNKNOWN	ALTA	Regional	0.00	New	4.1A	\$22.92	\$5.73
South	Otay	AIRWAY	ALTA	LOOP	Regional	0.00	New	4.1A	\$22.92	\$8.02
South	Otay	ALTA	LONE STAR	OTAY MESA	Regional	0.29	Light Collector	4.1A	\$11.48	\$3.33
South	Otay	ALTA	OTAY MESA	ZONE CONNECTOR	Regional	0.00	New	4.1A	\$22.92	\$3.44
South	Otay	ALTA	ZONE CONNECTOR	ZONE CONNECTOR	Regional	0.00	New	4.1A	\$22.92	\$5.04

Appendix A - Mobility Element Roadway Improvements

Sub-Region	CPA	Roadway	To	From	Facility Type	Length (Miles)	Existing Cross-Section	ME Classification	ME Improvement Unit Cost (Millions)	ME Improvement Total Cost (Millions)
South	Otay	ALTA	ZONE CONNECTOR	AIRWAY	Regional	0.00	New	4.1A	\$22.92	\$2.98
South	Otay	ALTA	AIRWAY	UNKNOWN	Regional	0.00	New	4.1A	\$22.92	\$2.29
South	Otay	ALTA	UNKNOWN	SIEMPRE VIVA	Regional	0.00	New	4.1A	\$22.92	\$2.98
South	Otay	ENRICO FERMI	OTAY MESA	LONE STAR	Regional	0.00	Light Collector	4.1A	\$11.48	\$3.44
South	Otay	ENRICO FERMI	OTAY MESA	ZONE CONNECTOR	Regional	0.00	Town Collector	4.1A	\$8.06	\$0.81
South	Otay	ENRICO FERMI	ZONE CONNECTOR	RAMP SR-11 WB	Regional	0.00	Town Collector	4.1A	\$8.06	\$0.81
South	Otay	ENRICO FERMI	RAMP SR-11 WB	RAMP SR-11 EB	Regional	0.00	Town Collector	4.1A	\$8.06	\$0.73
South	Otay	ENRICO FERMI	RAMP SR-11 EB	ZONE CONNECTOR	Regional	0.00	Town Collector	4.1A	\$8.06	\$0.73
South	Otay	ENRICO FERMI	ZONE CONNECTOR	AIRWAY	Regional	0.00	Town Collector	4.1A	\$8.06	\$0.97
South	Otay	ENRICO FERMI	AIRWAY	SIEMPRE VIVA	Regional	0.23	Town Collector	4.1A	\$8.06	\$1.85
South	Otay	LA MEDIA	ZONE CONNECTOR	LONESTAR	Regional	0.00	New	6.2	\$31.52	\$10.09
South	Otay	LONE STAR	PASEO DE LAS AMERICA	FARADAY	RAS	0.00	New	4.1A	\$22.92	\$4.58
South	Otay	LONE STAR	FARADAY	ENRICO FERMI	RAS	0.00	New	4.1A	\$22.92	\$5.73
South	Otay	LONE STAR	ENRICO FERMI	ZONE CONNECTOR	RAS	0.00	New	4.1A	\$22.92	\$5.50
South	Otay	LONE STAR	ZONE CONNECTOR	ALTA	RAS	0.00	New	4.1A	\$22.92	\$6.19
South	Otay	LONESTAR	PIPER RANCH	NEW HARVEST	RAS	0.10	New	6.2	\$31.52	\$3.15
South	Otay	LONESTAR	NEW HARVEST	NATIONAL UNIVERSITY	RAS	0.10	New	4.1A	\$22.92	\$2.29
South	Otay	LONESTAR	NATIONAL UNIVERSITY	HARVEST	RAS	0.09	New	4.1A	\$22.92	\$2.06
South	Otay	LONESTAR	HARVEST	HARVEST	RAS	0.09	New	4.1A	\$22.92	\$2.06
South	Otay	LONESTAR	HARVEST	SANYO	RAS	0.00	New	4.1A	\$22.92	\$9.17
South	Otay	LONESTAR	SANYO	PASEO DE LAS AMERICA	RAS	0.00	New	4.1A	\$22.92	\$6.19
South	Otay	LOOP	ALTA	ZONE CONNECTOR	Regional	0.00	Town Collector	4.1A	\$8.06	\$1.61
South	Otay	LOOP	ZONE CONNECTOR	OTAY MESA	Regional	0.00	Town Collector	4.1A	\$8.06	\$2.09
South	Otay	LOOP	SIEMPRE VIVA	ZONE CONNECTOR	Regional	0.00	New	4.1A	\$22.92	\$4.13
South	Otay	LOOP	ZONE CONNECTOR	AIRWAY	Regional	0.00	New	4.1A	\$22.92	\$3.67
South	Otay	LOOP	AIRWAY	RAMP SR-11 EB	Regional	0.00	New	4.1A	\$22.92	\$1.83
South	Otay	LOOP	RAMP SR-11 EB	RAMP SR-11 WB	Regional	0.00	New	4.1A	\$22.92	\$2.06
South	Otay	LOOP	RAMP SR-11 WB	ZONE CONNECTOR	Regional	0.00	New	4.1A	\$22.92	\$2.06
South	Otay	LOOP	OTAY MESA	ZONE CONNECTOR	Regional	0.00	New	4.1A	\$22.92	\$10.77
South	Otay	NEW HARVEST	LONESTAR	UNKNOWN	Regional	0.00	New	4.1A	\$22.92	\$2.98
South	Otay	NEW HARVEST	UNKNOWN	UNNAMED	Regional	0.00	New	4.1A	\$22.92	\$2.06
South	Otay	NEW HARVEST	UNNAMED	UNKNOWN	Regional	0.00	New	4.1A	\$22.92	\$4.58
South	Otay	NEW HARVEST	UNKNOWN	HARVEST	Regional	0.00	New	4.1A	\$22.92	\$2.75
South	Otay	NEW HARVEST	HARVEST	UNNAMED	Regional	0.00	New	4.1A	\$22.92	\$2.98
South	Otay	NEW HARVEST	UNNAMED	HARVEST	Regional	0.00	New	4.1A	\$22.92	\$4.58
South	Otay	OTAY LAKES	WUESTE	UNKNOWN	RAS	0.14	Light Collector	4.1B	\$7.10	\$1.85
South	Otay	OTAY LAKES	WUESTE	UNKNOWN	RAS	0.26	Light Collector	4.1B	\$7.10	\$0.99
South	Otay	OTAY LAKES	UNKNOWN	ZONE CONNECTOR	RAS	0.82	Light Collector	4.1B	\$7.10	\$5.82
South	Otay	OTAY LAKES	ZONE CONNECTOR	UNKNOWN	RAS	0.89	Light Collector	4.1B	\$7.10	\$6.32
South	Otay	OTAY MESA	SANYO	PASEO DE LAS AMERICA	RAS	0.06	Light Collector	6.2	\$24.18	\$1.45
South	Otay	OTAY MESA	PASEO DE LAS AMERICA	FARADAY	RAS	0.20	Light Collector	6.2	\$24.18	\$4.84
South	Otay	OTAY MESA	FARADAY	ENRICO FERMI	RAS	0.23	Light Collector	6.2	\$24.18	\$5.56

Appendix A - Mobility Element Roadway Improvements

Sub-Region	CPA	Roadway	To	From	Facility Type	Length (Miles)	Existing Cross-Section	ME Classification	ME Improvement Unit Cost (Millions)	ME Improvement Total Cost (Millions)
South	Otay	OTAY MESA	ENRICO FERMI	BONITA VISTA HIGH	RAS	0.27	Light Collector	4.1A	\$11.48	\$3.10
South	Otay	OTAY MESA	BONITA VISTA HIGH	ALTA	RAS	0.24	Light Collector	4.1A	\$11.48	\$2.76
South	Otay	OTAY MESA	ALTA	LOOP	RAS	0.00	New	4.1A	\$22.92	\$6.19
South	Otay	SIEMPRE VIVA	ENRICO FERMI	BASE STABLES	RAS	0.00	New	4.1A	\$22.92	\$6.42
South	Otay	SIEMPRE VIVA	BASE STABLES	LOOP	RAS	0.00	New	4.1A	\$22.92	\$5.27
South	Spring Valley	CAMPO	BROADWAY	RAMP SR-125 NB	RAS	0.07	Collector	4.1A	\$4.72	\$0.33
South	Spring Valley	CAMPO	RAMP SR-125 NB	KENWOOD	RAS	0.08	Light Collector	4.1A	\$11.48	\$0.92
South	Spring Valley	CAMPO	KENWOOD	TERRACE	RAS	0.05	Light Collector	4.1A	\$11.48	\$1.61
South	Spring Valley	CAMPO	CAMPO/SWEETWATER SPN	SWEETWATER SPRINGS	RAS	0.09	Collector	4.1A	\$4.72	\$0.42
South	Spring Valley	JAMACHA BOULEVARD	ZONE CONNECTOR	PARADISE VALLEY	RAS	0.14	Collector	4.1A	\$4.72	\$0.66
South	Spring Valley	JAMACHA BOULEVARD	THAYER	ZONE CONNECTOR	RAS	0.17	Collector	4.1A	\$4.72	\$0.80
South	Spring Valley	JAMACHA BOULEVARD	KEMPTON	THAYER	RAS	0.15	Collector	4.1A	\$4.72	\$0.71
South	Spring Valley	JAMACHA BOULEVARD	SACRAMENTO	KEMPTON	RAS	0.18	Collector	4.1A	\$4.72	\$0.85
South	Spring Valley	JAMACHA BOULEVARD	GRAND	SACRAMENTO	RAS	0.07	Collector	4.1A	\$4.72	\$0.33
South	Spring Valley	JAMACHA BOULEVARD	RAMONA	GRAND	RAS	0.15	Collector	4.1A	\$4.72	\$0.71
South	Spring Valley	JAMACHA BOULEVARD	LA PRESA	RAMONA	RAS	0.10	Collector	4.1A	\$4.72	\$0.47
South	Spring Valley	JAMACHA BOULEVARD	SAN JUAN	LA PRESA	RAS	0.14	Town Collector	4.1A	\$8.06	\$1.13
South	Spring Valley	JAMACHA BOULEVARD	SAN MIGUEL	SAN JUAN	RAS	0.05	Town Collector	4.1A	\$8.06	\$0.40
South	Spring Valley	JAMACHA BOULEVARD	SAN DIEGO	SAN MIGUEL	RAS	0.17	Town Collector	4.1A	\$8.06	\$1.37
South	Spring Valley	JAMACHA BOULEVARD	OMEGA	SAN DIEGO	RAS	0.15	Town Collector	4.1A	\$8.06	\$1.21
South	Spring Valley	JAMACHA BOULEVARD	MAYA	OMEGA	RAS	0.39	Town Collector	4.1A	\$8.06	\$3.14
South	Spring Valley	JAMACHA BOULEVARD	WHITESTONE	MAYA	RAS	0.30	Town Collector	4.1A	\$8.06	\$2.42
South	Spring Valley	JAMACHA BOULEVARD	SPRING GLEN	WHITESTONE	RAS	0.32	Town Collector	4.1A	\$8.06	\$2.58
South	Spring Valley	JAMACHA BOULEVARD	JAMACHA	SPRING GLEN	RAS	0.09	Town Collector	4.1A	\$8.06	\$0.73
South	Spring Valley	JAMACHA BOULEVARD	RAMP	JAMACHA	RAS	0.13	Town Collector	4.1A	\$8.06	\$1.05
South	Spring Valley	JAMACHA BOULEVARD	SWEETWATER SPRINGS	RAMP	RAS	0.26	Town Collector	4.1A	\$8.06	\$2.09
South	Spring Valley	JAMACHA BOULEVARD	RAMP	SWEETWATER SPRINGS	RAS	0.09	Collector	4.1A	\$4.72	\$0.42
South	Spring Valley	JAMACHA BOULEVARD	10707 MHP	RAMP	RAS	0.25	Collector	4.1A	\$4.72	\$1.18
South	Spring Valley	JAMACHA BOULEVARD	CALAVO/DOUBLETREE	10707 MHP	RAS	0.26	Collector	4.1A	\$4.72	\$1.23
South	Spring Valley	JAMACHA BOULEVARD	TRACE	CALAVO/DOUBLETREE	RAS	0.21	Collector	4.1A	\$4.72	\$0.99
South	Spring Valley	JAMACHA BOULEVARD	SR-54	TRACE	RAS	0.04	Collector	4.1A	\$4.72	\$0.38
South	Spring Valley	SWEETWATER SPRINGS	RAMP SR-94 EB	CAMPO	RAS	0.05	Collector	4.1A	\$4.72	\$0.24
South	Spring Valley	SWEETWATER SPRINGS	CAMPO	DEL RIO	RAS	0.08	Collector	4.1A	\$4.72	\$0.38
South	Spring Valley	SWEETWATER SPRINGS	DEL RIO	DON PICO	RAS	0.06	Collector	4.1A	\$4.72	\$0.28
South	Spring Valley	SWEETWATER SPRINGS	DON PICO	CRISTOBAL	RAS	0.08	Collector	4.1A	\$4.72	\$0.38
South	Spring Valley	SWEETWATER SPRINGS	CRISTOBAL	ROTHGARD	RAS	0.13	Collector	4.1A	\$4.72	\$0.61
South	Spring Valley	SWEETWATER SPRINGS	ROTHGARD	LOMA	RAS	0.14	Collector	4.1A	\$4.72	\$0.66
South	Spring Valley	SWEETWATER SPRINGS	LOMA	MONTE VISTA HIGH	RAS	0.06	Collector	4.1A	\$4.72	\$0.28
South	Spring Valley	SWEETWATER SPRINGS	MONTE VISTA HIGH	UNKNOWN	RAS	0.07	Collector	4.1A	\$4.72	\$0.33
South	Spring Valley	SWEETWATER SPRINGS	UNKNOWN	MOORPARK	RAS	0.11	Collector	4.1A	\$4.72	\$0.52
South	Spring Valley	SWEETWATER SPRINGS	MOORPARK	AUSTIN	RAS	0.14	Collector	4.1A	\$4.72	\$0.66
South	Spring Valley	SWEETWATER SPRINGS	AUSTIN	CALLE MARINER	RAS	0.12	Collector	4.1A	\$4.72	\$0.57

Appendix A - Mobility Element Roadway Improvements

Sub-Region	CPA	Roadway	To	From	Facility Type	Length (Miles)	Existing Cross-Section	ME Classification	ME Improvement Unit Cost (Millions)	ME Improvement Total Cost (Millions)
South	Spring Valley	SWEETWATER SPRINGS	CALLE MARINER	RAMP	RAS	0.21	Collector	4.1A	\$4.72	\$0.99
South	Spring Valley	SWEETWATER SPRINGS	RAMP	JAMACHA BOULEVARD	RAS	0.08	Collector	4.1A	\$4.72	\$0.38
South	Spring Valley	SWEETWATER-NEW	PARADISE VALLEY	JAMACHA BOULEVARD	RAS	0.04	Light Collector	4.1A	\$11.48	\$0.46
South	Sweetwater	BONITA	CENTRAL	CHRISTIAN CENTER	RAS	0.23	Light Collector	4.1B	\$7.10	\$1.63
South	Sweetwater	BONITA	CHRISTIAN CENTER	UNKNOWN	RAS	0.19	Light Collector	4.1B	\$7.10	\$1.35
South	Sweetwater	BONITA	UNKNOWN	VILLAS	RAS	0.12	Light Collector	4.1B	\$7.10	\$0.85
South	Valle De Oro	BANCROFT	GROSSMONT SUMMIT	LEMON	Regional	0.05	Light Collector	4.2B	\$7.17	\$0.36
South	Valle De Oro	CAMPO	KENWOOD	TERRACE	RAS	0.14	Light Collector	4.1B	\$7.10	\$0.35
South	Valle De Oro	CAMPO	TERRACE	BANCROFT	RAS	0.20	Light Collector	4.1B	\$7.10	\$1.42
South	Valle De Oro	CAMPO	BANCROFT	CAMINO PAZ	RAS	0.12	Light Collector	4.1B	\$7.10	\$0.85
South	Valle De Oro	CAMPO	NORTH BARCELONA	SOUTH CORDOBA	RAS	0.09	Light Collector	4.2B	\$7.17	\$0.64
South	Valle De Oro	CAMPO	SOUTH CORDOBA	GRANADA	RAS	0.08	Light Collector	4.2B	\$7.17	\$0.57
South	Valle De Oro	CAMPO	SR-94 EB	VIA MERCADO	State	0.22	Major	6.1	\$15.97	\$3.51
South	Valle De Oro	CAMPO	VIA MERCADO	ZONE CONNECTOR	State	0.28	Major	6.1	\$15.97	\$4.47
South	Valle De Oro	CAMPO	ZONE CONNECTOR	RAMP	State	0.18	Major	6.1	\$15.97	\$2.87
South	Valle De Oro	CAMPO	RAMP	SR 54	State	0.06	Major	6.1	\$15.97	\$0.96
South	Valle De Oro	CAMPO	SR 54	JAMACHA BOULEVARD	State	0.03	Major	6.1	\$15.97	\$0.48
South	Valle De Oro	CAMPO	JAMACHA BOULEVARD	RAMP SR-94 EB	State	0.10	Major	6.1	\$15.97	\$1.60
South	Valle De Oro	CAMPO	RAMP SR-94 EB	RAMP	State	0.28	Major	6.1	\$15.97	\$4.47
South	Valle De Oro	CAMPO	RAMP	UNKNOWN	State	0.04	Major	6.1	\$15.97	\$0.64
South	Valle De Oro	CAMPO	UNKNOWN	JAMACHA ROAD	State	0.12	Major	6.1	\$15.97	\$1.92
South	Valle De Oro	CAMPO	UNKNOWN	RAMP	State	0.00	New	4.1A	\$22.92	\$1.38
South	Valle De Oro	CAMPO	UNKNOWN	SR-94	State	0.20	Light Collector	4.1A	\$11.48	\$2.30
South	Valle De Oro	CAMPO	SR-94	MILLAR RANCH	State	0.11	Light Collector	4.1A	\$11.48	\$1.26
South	Valle De Oro	CAMPO	MILLAR RANCH	UNKNOWN	State	0.35	Light Collector	4.1A	\$11.48	\$4.02
South	Valle De Oro	CAMPO	UNKNOWN	ZONE CONNECTOR	State	0.39	Town Collector	4.1A	\$8.06	\$3.14
South	Valle De Oro	CAMPO	ZONE CONNECTOR	SR-94	State	0.06	Town Collector	4.1A	\$8.06	\$0.48
South	Valle De Oro	CHASE	RANCHO VALLE	GROVE	Regional	0.28	Light Collector	4.1B	\$7.10	\$1.99
South	Valle De Oro	CHASE	GROVE	BERNITA	Regional	0.11	Light Collector	4.1B	\$7.10	\$0.78
South	Valle De Oro	CHASE	BERNITA	UNKNOWN	Regional	0.25	Light Collector	4.1B	\$7.10	\$1.77
South	Valle De Oro	CHASE	UNKNOWN	MONUMENT HILL	Regional	0.35	Light Collector	4.1B	\$7.10	\$2.48
South	Valle De Oro	CHASE	MONUMENT HILL	FUERTE	Regional	0.07	Light Collector	4.1B	\$7.10	\$0.50
South	Valle De Oro	CHASE	FUERTE	SR 54	Regional	0.15	Light Collector	4.1B	\$7.10	\$1.06
South	Valle De Oro	CHASE	SR 54	JAMACHA ROAD	Regional	0.11	Light Collector	4.1B	\$7.10	\$0.78
South	Valle De Oro	FURY	AVOCADO	UNKNOWN	Regional	0.15	Light Collector	4.1B	\$7.10	\$1.06
South	Valle De Oro	FURY	UNKNOWN	RAPATEE	Regional	0.14	Light Collector	4.1B	\$7.10	\$0.99
South	Valle De Oro	FURY	RAPATEE	CALLE VERDE	Regional	0.08	Light Collector	4.1B	\$7.10	\$0.57
South	Valle De Oro	FURY	CALLE VERDE	SUNDOWN	Regional	0.13	Town Collector	4.1B	\$3.74	\$0.49
South	Valle De Oro	FURY	SUNDOWN	JULIE	Regional	0.25	Town Collector	4.1B	\$3.74	\$0.93
South	Valle De Oro	FURY	JULIE	UNKNOWN	Regional	0.32	Town Collector	4.1B	\$3.74	\$1.20
South	Valle De Oro	FURY	UNKNOWN	SR 54	Regional	0.10	Town Collector	4.1B	\$3.74	\$0.37
South	Valle De Oro	JAMACHA BOULEVARD	SR-54	TRACE	RAS	0.08	Collector	4.1A	\$4.72	\$0.19

Appendix A - Mobility Element Roadway Improvements

Sub-Region	CPA	Roadway	To	From	Facility Type	Length (Miles)	Existing Cross-Section	ME Classification	ME Improvement Unit Cost (Millions)	ME Improvement Total Cost (Millions)
South	Valle De Oro	JAMACHA BOULEVARD	RAMP SR-94 EB	SR-54	RAS	0.36	Collector	4.1A	\$4.72	\$1.70
South	Valle De Oro	JAMACHA BOULEVARD	RAMP SR-94 EB	RAMP	RAS	0.15	Collector	4.1A	\$4.72	\$0.57
South	Valle De Oro	JAMACHA BOULEVARD	RAMP	RAMP	RAS	0.02	Collector	4.1A	\$4.72	\$0.33
South	Valle De Oro	JAMACHA ROAD	VAN VECHTEN	GROVE	RAS	0.03	Collector	4.1A	\$4.72	\$0.14
South	Valle De Oro	JAMACHA ROAD	GROVE	RANCHO WINCHESTER	RAS	0.09	Collector	4.1A	\$4.72	\$0.42
South	Valle De Oro	JAMACHA ROAD	RANCHO WINCHESTER	HIDDEN MESA	RAS	0.20	Collector	4.1A	\$4.72	\$0.94
South	Valle De Oro	JAMACHA ROAD	HIDDEN MESA	PENASCO	RAS	0.07	Collector	4.1A	\$4.72	\$0.33
South	Valle De Oro	JAMACHA ROAD	PENASCO	CHASE	RAS	0.10	Collector	4.1A	\$4.72	\$0.47
South	Valle De Oro	JAMACHA ROAD	CHASE	SUNDALE	RAS	0.31	Collector	6.2	\$12.99	\$4.03
South	Valle De Oro	JAMACHA ROAD	SUNDALE	HILLSDALE	RAS	0.15	Collector	6.2	\$12.99	\$1.95
South	Valle De Oro	JAMACHA ROAD	HILLSDALE	UNKNOWN	RAS	0.26	Collector	6.2	\$12.99	\$3.38
South	Valle De Oro	JAMACHA ROAD	UNKNOWN	SCOTTYS WAY	RAS	0.19	Collector	6.2	\$12.99	\$2.47
South	Valle De Oro	JAMACHA ROAD	SCOTTYS WAY	CALLE ALBARA	RAS	0.18	Collector	6.2	\$12.99	\$2.34
South	Valle De Oro	JAMACHA ROAD	CALLE ALBARA	BRABHAM	RAS	0.21	Major	6.2	\$7.75	\$1.63
South	Valle De Oro	JAMACHA ROAD	BRABHAM	UNKNOWN	RAS	0.14	Major	6.2	\$7.75	\$1.09
South	Valle De Oro	JAMACHA ROAD	UNKNOWN	HILTON HEAD	RAS	0.12	Major	6.2	\$7.75	\$0.93
South	Valle De Oro	JAMACHA ROAD	HILTON HEAD	WILLOW GLEN	RAS	0.15	Major	6.2	\$7.75	\$1.16
South	Valle De Oro	JAMACHA ROAD	WILLOW GLEN	UNKNOWN	RAS	0.12	Major	6.2	\$7.75	\$0.93
South	Valle De Oro	JAMACHA ROAD	UNKNOWN	FURY	RAS	0.20	Major	6.2	\$7.75	\$1.55
South	Valle De Oro	JAMACHA ROAD	FURY	CUYAMACA COLLEGE E	RAS	0.14	Major	6.2	\$7.75	\$1.09
South	Valle De Oro	JAMACHA ROAD	CUYAMACA COLLEGE E	UNKNOWN	RAS	0.06	Major	6.2	\$7.75	\$0.47
South	Valle De Oro	JAMACHA ROAD	UNKNOWN	CUYAMACA COLLEGE W	RAS	0.09	Major	6.2	\$7.75	\$0.70
South	Valle De Oro	KENWOOD	RAMP SR-94 EB	RAMP SR-94 WB	Regional	0.03	Light Collector	4.1B	\$7.10	\$0.21
South	Valle De Oro	KENWOOD	RAMP SR-94 WB	CAMPO	Regional	0.10	Light Collector	4.1B	\$7.10	\$0.71
South	Valle De Oro	STEELE CANYON	WILLOW GLEN	Heatherwood	Regional	0.39	Light Collector	4.1B	\$7.10	\$2.77
South	Valle De Oro	STEELE CANYON	Heatherwood	JAMUL	Regional	0.11	Town Collector	4.1B	\$3.74	\$0.41
South	Valle De Oro	STEELE CANYON	JAMUL	OLD CALIFORNIA	Regional	0.19	Light Collector	4.1B	\$7.10	\$1.35
South	Valle De Oro	STEELE CANYON	OLD CALIFORNIA	VISTA CIELO	Regional	0.34	Light Collector	4.1B	\$7.10	\$2.41
South	Valle De Oro	WILLOW GLEN	HILLSDALE	UNKNOWN	RAS	0.81	Town Collector	4.1B	\$3.74	\$3.03
South	Valle De Oro	WILLOW GLEN	UNKNOWN	STEELE CANYON	RAS	0.39	Town Collector	4.1B	\$3.74	\$1.46
North	Bonsall	CHAMPAGNE	OLD CASTLE	UNKNOWN	RAS	0.00	Town Collector	4.1B	\$3.74	\$0.34
North	Bonsall	CHAMPAGNE	OLD CASTLE	UNKNOWN	RAS	0.00	Town Collector	4.1B	\$3.74	\$0.15
North	Bonsall	CHAMPAGNE	OLD CASTLE	UNKNOWN	RAS	0.00	Town Collector	4.1B	\$3.74	\$0.56
North	Bonsall	EAST VISTA	MISSION	OLD RIVER	RAS	0.06	Town Collector	4.1A	\$8.06	\$0.48
North	Bonsall	EAST VISTA	OLD RIVER	EVERGREEN	RAS	0.25	Town Collector	4.1A	\$8.06	\$2.01
North	Bonsall	EAST VISTA	EVERGREEN	HUTCHISON	RAS	0.34	Town Collector	4.1A	\$8.06	\$2.74
North	Bonsall	EAST VISTA	HUTCHISON	ORMSBY/GOPHER CANYON	RAS	0.29	Town Collector	4.1A	\$8.06	\$2.34
North	Bonsall	EAST VISTA	ORMSBY/GOPHER CANYON	STRAWBERRY HILL	RAS	0.22	Town Collector	4.1A	\$8.06	\$1.77
North	Bonsall	EAST VISTA	STRAWBERRY HILL	OSBORNE	RAS	0.44	Town Collector	4.1A	\$8.06	\$3.55
North	Bonsall	EAST VISTA	OSBORNE	UNKNOWN	RAS	0.06	Town Collector	4.1A	\$8.06	\$0.48
North	Bonsall	EAST VISTA	UNKNOWN	BARSBY	RAS	0.01	Town Collector	4.1A	\$8.06	\$0.08
North	Bonsall	GOPHER CANYON	ORMSBY	WHISPER TRACE	RAS	0.65	Light Collector	4.1B	\$7.10	\$4.61

Appendix A - Mobility Element Roadway Improvements

Sub-Region	CPA	Roadway	To	From	Facility Type	Length (Miles)	Existing Cross-Section	ME Classification	ME Improvement Unit Cost (Millions)	ME Improvement Total Cost (Millions)
North	Bonsall	GOPHER CANYON	WHISPER TRACE	VISTA VALLEY	RAS	0.34	Light Collector	4.1B	\$7.10	\$2.41
North	Bonsall	GOPHER CANYON	VISTA VALLEY	TWIN OAKS VALLEY	RAS	0.78	Light Collector	4.1B	\$7.10	\$5.54
North	Bonsall	GOPHER CANYON	TWIN OAKS VALLEY	DISNEY	RAS	0.04	Light Collector	4.1B	\$7.10	\$0.28
North	Bonsall	GOPHER CANYON	DISNEY	UNKNOWN	RAS	0.79	Light Collector	4.1B	\$7.10	\$5.61
North	Bonsall	GOPHER CANYON	UNKNOWN	RAMP I-15 SB	RAS	0.81	Light Collector	4.1B	\$7.10	\$5.75
North	Bonsall	GOPHER CANYON	RAMP I-15 SB	RAMP I-15 NB	RAS	0.10	Light Collector	4.1B	\$7.10	\$0.71
North	Bonsall	GOPHER CANYON	RAMP I-15 NB	OLD 395	RAS	0.07	Light Collector	4.1B	\$7.10	\$0.50
North	Bonsall	MELROSE	UNKNOWN	SANTA FE	RAS	0.00	New	6.2	\$31.52	\$4.41
North	Bonsall	MISSION	TRIPLE CROWN	BLDG 4949	RAS	0.22	Light Collector	4.2B	\$7.17	\$1.58
North	Bonsall	MISSION	BLDG 4949	RIVER VILLAGE MALL	RAS	0.11	Light Collector	4.2B	\$7.17	\$0.79
North	Bonsall	MISSION	EAST VISTA	CRANBERRY	State	0.55	Light Collector	6.2	\$24.18	\$13.30
North	Bonsall	MISSION	HOLLY	EAST VISTA	State	0.40	Light Collector	6.2	\$24.18	\$9.67
North	Bonsall	MISSION	NORTH RIVER	HOLLY	State	0.27	Light Collector	6.2	\$24.18	\$6.53
North	Bonsall	MISSION	UNKNOWN	NORTH RIVER	State	0.52	Light Collector	6.2	\$24.18	\$12.57
North	Bonsall	MISSION	VIA GRENADA	UNKNOWN	State	0.45	Light Collector	6.2	\$24.18	\$10.88
North	Bonsall	MISSION	VALLEY RANCH	VIA GRENADA	State	0.10	Light Collector	6.2	\$24.18	\$2.42
North	Bonsall	MISSION	OLIVEHILL/CM DEL REY	VALLEY RANCH	State	0.73	Light Collector	6.2	\$24.18	\$17.65
North	Bonsall	MISSION	THOROUGHbred	OLIVEHILL/CM DEL REY	State	0.18	Light Collector	6.2	\$24.18	\$4.35
North	Bonsall	NORTH RIVER	UNKNOWN	VIA PUERTA DEL SOL	RAS	0.05	Light Collector	4.1B	\$7.10	\$0.35
North	Bonsall	NORTH RIVER	VIA PUERTA DEL SOL	EMERALD HILL	Regional	0.27	Light Collector	4.1B	\$7.10	\$1.92
North	Bonsall	NORTH RIVER	EMERALD HILL	MISSION	Regional	0.16	Light Collector	4.1B	\$7.10	\$1.14
North	Bonsall	OLD 395	WEST LILAC	RAMP I-15 SB	RAS	0.86	Town Collector	4.2B	\$3.97	\$3.41
North	Bonsall	OLD 395	RAMP I-15 SB	RAMP I-15 SB	RAS	0.12	Light Collector	4.1B	\$7.10	\$0.85
North	Bonsall	OLD 395	RAMP I-15 SB	RAMP I-15 NB	RAS	0.25	Light Collector	4.1B	\$7.10	\$1.77
North	Bonsall	OLD 395	RAMP I-15 NB	RAMP I-15 NB	RAS	0.04	Light Collector	4.1B	\$7.10	\$0.28
North	Bonsall	OLD 395	LILAC RIDGE	ZONE CONNECTOR	RAS	0.06	Light Collector	4.1B	\$7.10	\$0.43
North	Bonsall	OLD 395	LILAC RIDGE	ZONE CONNECTOR	RAS	0.03	Light Collector	4.1B	\$7.10	\$0.35
North	Bonsall	OLD 395	LILAC RIDGE	ZONE CONNECTOR	RAS	0.04	Light Collector	4.1B	\$7.10	\$0.50
North	Bonsall	OLD 395	LILAC RIDGE	ZONE CONNECTOR	RAS	0.10	Light Collector	4.1B	\$7.10	\$0.50
North	Bonsall	OLD 395	LILAC RIDGE	ZONE CONNECTOR	RAS	0.16	Light Collector	4.1B	\$7.10	\$0.71
North	Bonsall	OLD 395	LILAC RIDGE	ZONE CONNECTOR	RAS	0.05	Light Collector	4.1B	\$7.10	\$1.14
North	Bonsall	OLD 395	LILAC RIDGE	ZONE CONNECTOR	RAS	0.00	Light Collector	4.1B	\$7.10	\$0.78
North	Bonsall	OLD 395	ZONE CONNECTOR	CAM DEL REY	RAS	0.06	Light Collector	4.1B	\$7.10	\$1.28
North	Bonsall	OLD 395	CAM DEL REY	CIRCLE R	RAS	0.11	Town Collector	4.1B	\$3.74	\$1.12
North	Bonsall	OLD 395	CAM DEL REY	CIRCLE R	RAS	0.06	Town Collector	4.1B	\$3.74	\$0.22
North	Bonsall	OLD 395	CAM DEL REY	CIRCLE R	RAS	0.00	Town Collector	4.1B	\$3.74	\$0.22
North	Bonsall	OLD 395	RAMP I-15 NB	LILAC RIDGE	RAS	0.14	Light Collector	4.1B	\$7.10	\$0.99
North	Bonsall	OLIVE HILL	ZONE CONNECTOR	UNKNOWN	Local	0.00	New	2.2C	\$12.89	\$3.61
North	Bonsall	OLIVE HILL	UNKNOWN	ZONE CONNECTOR	Local	0.00	New	2.2C	\$12.89	\$3.87
North	Bonsall	ORMSBY	GOPHER CANYON	UNKNOWN	Regional	0.28	Light Collector	4.1B	\$7.10	\$1.99
North	Bonsall	ORMSBY	UNKNOWN	FAIRVIEW	Regional	0.51	Light Collector	4.1B	\$7.10	\$3.62
North	Bonsall	ORMSBY	FAIRVIEW	EAST VISTA	Regional	0.41	Light Collector	4.1B	\$7.10	\$2.91

Appendix A - Mobility Element Roadway Improvements

Sub-Region	CPA	Roadway	To	From	Facility Type	Length (Miles)	Existing Cross-Section	ME Classification	ME Improvement Unit Cost (Millions)	ME Improvement Total Cost (Millions)
North	Bonsall	OSBORNE	UNKNOWN	BAUTISTA	Local	0.39	Light Collector	2.2A	\$4.33	\$1.69
North	Bonsall	OSBORNE	BAUTISTA	HUTCHISON	Local	0.22	Light Collector	2.2A	\$4.33	\$0.95
North	Bonsall	OSBORNE	HUTCHISON	UNKNOWN	Local	0.27	Light Collector	2.2A	\$4.33	\$1.17
North	Bonsall	OSBORNE	UNKNOWN	AMSTEL	Local	0.40	Light Collector	2.2A	\$4.33	\$1.73
North	Bonsall	OSBORNE	AMSTEL	EAST VISTA	Local	0.20	Light Collector	2.2A	\$4.33	\$0.87
North	Bonsall	PALA	THOROUGHbred	MISSION	State	0.28	Light Collector	6.2	\$24.18	\$6.77
North	Bonsall	PALA	MISSION	ZONE CONNECTOR	State	0.27	Light Collector	4.1A	\$11.48	\$3.10
North	Bonsall	PALA	ZONE CONNECTOR	RAMONA	State	0.00	Light Collector	4.1A	\$11.48	\$0.34
North	Bonsall	PALA	ZONE CONNECTOR	RAMONA	State	0.03	Light Collector	4.1A	\$11.48	\$0.34
North	Bonsall	PALA	ZONE CONNECTOR	RAMONA	State	0.03	Light Collector	4.1A	\$11.48	\$4.25
North	Bonsall	PALA	RAMONA	CALLE DE LA VUELTA	State	0.00	Light Collector	4.1A	\$11.48	\$0.46
North	Bonsall	PALA	RAMONA	CALLE DE LA VUELTA	State	0.04	Light Collector	4.1A	\$11.48	\$0.46
North	Bonsall	PALA	RAMONA	CALLE DE LA VUELTA	State	0.05	Light Collector	4.1A	\$11.48	\$0.11
North	Bonsall	PALA	CALLE DE LA VUELTA	VIA MONSERATE	State	0.05	Light Collector	4.1A	\$11.48	\$0.57
North	Bonsall	WEST LILAC	OLIVEHILL	OLD RIVER	Regional	0.05	Light Collector	4.2B	\$7.17	\$0.36
North	Bonsall	WEST LILAC	OLD RIVER	CAM DEL REY	Regional	0.29	Light Collector	4.2B	\$7.17	\$2.08
North	Fallbrook	CANONITA	OLD 395	RAMP I-15 SB	Regional	0.08	Light Collector	4.1B	\$7.10	\$0.57
North	Fallbrook	CARLINA	EL PAISANO	MACADAMIA	RAS	0.02	Town Collector	4.2B	\$3.97	\$0.08
North	Fallbrook	CITRANO LN	PANKEY	PANKEY NEW	State	0.00	New	2.1E	\$12.40	\$3.60
North	Fallbrook	CLEMMENS	RECHE	MORRO	Local	0.00	New	2.2C	\$12.89	\$1.55
North	Fallbrook	FALLBROOK	MISSION	PICO	Local	0.06	Light Collector	2.2B	\$3.98	\$0.24
North	Fallbrook	FALLBROOK	PICO	MAIN	Local	0.06	Light Collector	2.2B	\$3.98	\$0.24
North	Fallbrook	FALLBROOK	OLD STAGE	MANDARIN	Local	0.13	Light Collector	2.2B	\$3.98	\$0.52
North	Fallbrook	FALLBROOK	MORRO	DEBRA ANN	Local	0.12	Light Collector	2.2B	\$3.98	\$0.48
North	Fallbrook	FALLBROOK	DEBRA ANN	MC DONALD	Local	0.12	Light Collector	2.2B	\$3.98	\$0.48
North	Fallbrook	FALLBROOK	MC DONALD	MAGARIAN	Local	0.06	Light Collector	2.2B	\$3.98	\$0.24
North	Fallbrook	FALLBROOK	ZONE CONNECTOR	ZONE CONNECTOR	Local	0.00	New	2.2C	\$12.89	\$5.15
North	Fallbrook	FALLBROOK	ZONE CONNECTOR	RECHE	Local	0.00	New	2.2C	\$12.89	\$3.22
North	Fallbrook	KNOTTWOOD/ENCINA	ALTA VISTA	ZONE CONNECTOR	Local	0.00	New	2.2F	\$9.90	\$6.44
North	Fallbrook	KNOTTWOOD/ENCINA	ZONE CONNECTOR	ZONE CONNECTOR	Local	0.00	New	2.2F	\$9.90	\$6.93
North	Fallbrook	KNOTTWOOD/ENCINA	ZONE CONNECTOR	GIRD	Local	0.00	New	2.2F	\$9.90	\$6.24
North	Fallbrook	MISSION	CARLINA	WILLOW GLEN	RAS	0.28	Town Collector	4.2B	\$3.97	\$1.11
North	Fallbrook	MISSION	WILLOW GLEN	LIVE OAK PARK	RAS	0.88	Town Collector	4.2B	\$3.97	\$3.49
North	Fallbrook	MISSION	LIVE OAK PARK	OLD 395	RAS	0.71	Town Collector	4.2B	\$3.97	\$2.82
North	Fallbrook	MISSION	OLD 395	RAMP I-15 SB	RAS	0.06	Light Collector	4.2B	\$7.17	\$0.43
North	Fallbrook	MISSION	RAMP I-15 SB	RAMP I-15 NB	RAS	0.15	Light Collector	4.2B	\$7.17	\$1.07
North	Fallbrook	MISSION	CARLINA	UNKNOWN	RAS	0.04	Town Collector	4.2B	\$3.97	\$0.16
North	Fallbrook	MISSION	UNKNOWN	HAMILTON	RAS	0.57	Town Collector	4.2B	\$3.97	\$2.26
North	Fallbrook	MISSION	HAMILTON	DAVIS	RAS	0.70	Town Collector	4.2B	\$3.97	\$2.78
North	Fallbrook	MISSION	DAVIS	STAGE COACH	RAS	0.18	Town Collector	4.2B	\$3.97	\$0.71
North	Fallbrook	MISSION	STAGE COACH	GUM TREE	RAS	0.13	Town Collector	4.2B	\$3.97	\$0.52
North	Fallbrook	MISSION	GUM TREE	INDUSTRIAL	RAS	0.45	Town Collector	4.2B	\$3.97	\$1.78

Appendix A - Mobility Element Roadway Improvements

Sub-Region	CPA	Roadway	To	From	Facility Type	Length (Miles)	Existing Cross-Section	ME Classification	ME Improvement Unit Cost (Millions)	ME Improvement Total Cost (Millions)
North	Fallbrook	MISSION	INDUSTRIAL	SANTA MARGARITA	RAS	0.18	Town Collector	4.2B	\$3.97	\$0.71
North	Fallbrook	MISSION	UNKNOWN	OVERLAND	RAS	0.22	Light Collector	4.2B	\$7.17	\$1.58
North	Fallbrook	MISSION	OVERLAND	BIG OAK RANCH	RAS	0.26	Light Collector	4.2B	\$7.17	\$1.86
North	Fallbrook	MISSION	BIG OAK RANCH	GREEN CANYON	RAS	0.45	Light Collector	4.2B	\$7.17	\$3.22
North	Fallbrook	MISSION	GREEN CANYON	VIA ENCINAS	RAS	0.31	Light Collector	4.2B	\$7.17	\$2.22
North	Fallbrook	MISSION	VIA ENCINAS	HELLERS BEND	RAS	0.35	Light Collector	4.2B	\$7.17	\$2.51
North	Fallbrook	MISSION	HELLERS BEND	VIA MONSERATE	RAS	0.74	Light Collector	4.2B	\$7.17	\$5.30
North	Fallbrook	MISSION	VIA MONSERATE	BAJA MISSION	RAS	0.11	Light Collector	4.2B	\$7.17	\$0.79
North	Fallbrook	MISSION	BAJA MISSION	LA CANADA	RAS	0.32	Light Collector	4.2B	\$7.17	\$2.29
North	Fallbrook	MISSION	LA CANADA	TRIPLE CROWN	RAS	0.41	Light Collector	4.2B	\$7.17	\$2.94
North	Fallbrook	MISSION	TRIPLE CROWN	BLDG 4949	RAS	0.17	Light Collector	4.2B	\$7.17	\$1.22
North	Fallbrook	OLD 395	MISSION	RECHE	RAS	1.04	Light Collector	2.1A	\$4.08	\$4.25
North	Fallbrook	OLD 395	RECHE	CANONITA	RAS	0.72	Light Collector	2.1A	\$4.08	\$2.94
North	Fallbrook	OLD 395	CANONITA	TECALOTE	RAS	0.57	Light Collector	2.1A	\$4.08	\$2.33
North	Fallbrook	OLD 395	TECALOTE	PALA MESA	RAS	1.09	Light Collector	2.1A	\$4.08	\$4.45
North	Fallbrook	OLD 395	PALA MESA	ZONE CONNECTOR	RAS	0.52	Light Collector	4.2B	\$7.17	\$3.73
North	Fallbrook	OLD 395	ZONE CONNECTOR	PUBLIC	RAS	0.30	Light Collector	4.2B	\$7.17	\$2.15
North	Fallbrook	OLD 395	PUBLIC	PALA	RAS	0.12	Light Collector	4.2B	\$7.17	\$0.86
North	Fallbrook	OLIVE HILL	ZONE CONNECTOR	UNKNOWN	Local	0.00	New	2.2C	\$12.89	\$0.39
North	Fallbrook	PALA	RAMONA	CALLE DE LA VUELTA	State	0.06	Light Collector	4.1A	\$11.48	\$0.69
North	Fallbrook	PALA	RAMONA	CALLE DE LA VUELTA	State	0.04	Light Collector	4.1A	\$11.48	\$0.46
North	Fallbrook	PALA	RAMONA	CALLE DE LA VUELTA	State	0.12	Light Collector	4.1A	\$11.48	\$1.38
North	Fallbrook	PALA	RAMONA	CALLE DE LA VUELTA	State	0.02	Light Collector	4.1A	\$11.48	\$0.23
North	Fallbrook	PALA	RAMONA	CALLE DE LA VUELTA	State	0.00	Light Collector	4.1A	\$11.48	\$0.23
North	Fallbrook	PALA	RAMONA	CALLE DE LA VUELTA	State	0.00	Light Collector	4.1A	\$11.48	\$0.57
North	Fallbrook	PALA	CALLE DE LA VUELTA	VIA MONSERATE	State	0.03	Light Collector	4.1A	\$11.48	\$4.02
North	Fallbrook	PALA	CALLE DE LA VUELTA	VIA MONSERATE	State	0.35	Light Collector	4.1A	\$11.48	\$0.34
North	Fallbrook	PALA	VIA MONSERATE	UNKNOWN	State	0.48	Light Collector	4.1A	\$11.48	\$5.51
North	Fallbrook	PALA	UNKNOWN	LIMBER PINE	State	0.07	Light Collector	4.1A	\$11.48	\$0.80
North	Fallbrook	PALA	LIMBER PINE	GIRD	State	0.08	Light Collector	4.1A	\$11.48	\$0.92
North	Fallbrook	PALA	GIRD	UNKNOWN	State	0.95	Light Collector	4.1A	\$11.48	\$10.91
North	Fallbrook	PALA	UNKNOWN	ZONE CONNECTOR	State	0.78	Light Collector	4.1A	\$11.48	\$8.96
North	Fallbrook	PALA	ZONE CONNECTOR	OLD 395	State	0.56	Light Collector	4.1A	\$11.48	\$6.43
North	Fallbrook	PALA	OLD 395	RAMP I-15 SB	State	0.15	Light Collector	4.1A	\$11.48	\$1.72
North	Fallbrook	PALA	PALA-NEW	RICE CANYON	State	0.67	Light Collector	4.1A	\$11.48	\$7.69
North	Fallbrook	PALA	RICE CANYON	COUSER CANYON	State	0.12	Light Collector	4.1A	\$11.48	\$1.38
North	Fallbrook	PALA MESA	UNKNOWN	UNKNOWN	Local	0.00	New	2.2F	\$9.90	\$6.44
North	Fallbrook	PALA MESA	UNKNOWN	WILT	Local	0.00	New	2.2F	\$9.90	\$3.37
North	Fallbrook	PALA MESA	OLD 395	PANKEY	Local	0.00	New	2.1A	\$14.11	\$2.96
North	Fallbrook	PALA-NEW	PANKEY NEW	PALA	State	0.50	Light Collector	4.1A	\$11.48	\$5.74
North	Fallbrook	PANKEY	PALA MESA	CITRANO LN	Local	0.00	New	2.1A	\$14.11	\$4.66
North	Fallbrook	PANKEY	CITRANO LN	PALA	Local	0.15	Light Collector	2.1A	\$4.08	\$0.61

Appendix A - Mobility Element Roadway Improvements

Sub-Region	CPA	Roadway	To	From	Facility Type	Length (Miles)	Existing Cross-Section	ME Classification	ME Improvement Unit Cost (Millions)	ME Improvement Total Cost (Millions)
North	Fallbrook	PANKEY NEW	PANKEY	ZONE CONNECTOR	Regional	0.00	New	4.2A	\$21.06	\$10.32
North	Fallbrook	PANKEY NEW	ZONE CONNECTOR	3P WAY	Regional	0.00	New	4.2A	\$21.06	\$6.74
North	Fallbrook	PANKEY NEW	3P WAY	ZONE CONNECTOR	Regional	0.00	New	4.2A	\$21.06	\$6.74
North	Fallbrook	PANKEY NEW	ZONE CONNECTOR	CITRANO LN	Regional	0.00	New	4.2A	\$21.06	\$4.00
North	Fallbrook	PANKEY NEW	CITRANO LN	PALA	Regional	0.00	New	4.2A	\$21.06	\$3.58
North	Fallbrook	PEPPER TREE	MISSION	ZONE CONNECTOR	Local	0.00	New	2.2E	\$12.89	\$1.42
North	Fallbrook	PEPPER TREE	ZONE CONNECTOR	UNKNOWN	Local	0.00	New	2.2E	\$12.89	\$5.03
North	Fallbrook	PEPPER TREE	UNKNOWN	MC DONALD	Local	0.00	New	2.2E	\$12.89	\$3.22
North	Fallbrook	PEPPER TREE	CALAVO	STAGE COACH	Local	0.00	New	2.2E	\$12.89	\$3.22
North	Fallbrook	RECHE	PALOMINO	CLEMMENS	Local	0.00	New	2.2C	\$12.89	\$4.25
North	Fallbrook	RECHE	MORRO	MC DONALD	Local	0.00	New	2.2C	\$12.89	\$3.22
North	Fallbrook	RECHE	MC DONALD	CALAVO	Local	0.00	New	2.2C	\$12.89	\$3.22
North	Fallbrook	RECHE	CALAVO	PALOMINO	Local	0.00	New	2.2C	\$12.89	\$1.55
North	Fallbrook	RECHE	STAGE COACH	CALMIN	Local	0.25	Light Collector	2.2B	\$3.98	\$1.00
North	Fallbrook	RECHE	CALMIN	UNKNOWN	Local	0.14	Light Collector	2.2B	\$3.98	\$0.56
North	Fallbrook	RECHE	UNKNOWN	FALLBROOK	Local	0.12	Light Collector	2.2B	\$3.98	\$0.48
North	Fallbrook	RECHE	FALLBROOK	LOS AMIGOS	Local	0.08	Light Collector	2.2B	\$3.98	\$0.32
North	Fallbrook	RECHE	LOS AMIGOS	GREEN CANYON	Local	0.17	Light Collector	2.2B	\$3.98	\$0.68
North	Fallbrook	STAGE COACH	MISSION	GUM TREE	Local	0.07	Light Collector	2.2B	\$3.98	\$0.28
North	Fallbrook	STAGE COACH	GUM TREE	ZONE CONNECTOR	Local	0.17	Light Collector	2.2B	\$3.98	\$0.68
North	Fallbrook	STAGE COACH	ZONE CONNECTOR	ALVARADO	Local	0.21	Light Collector	2.2B	\$3.98	\$0.84
North	Fallbrook	STAGE COACH	ALVARADO	FALLBROOK	Local	0.38	Light Collector	2.2B	\$3.98	\$1.51
North	Fallbrook	STAGE COACH	FALLBROOK	ZONE CONNECTOR	Local	0.25	Light Collector	2.2B	\$3.98	\$1.00
North	Fallbrook	STAGE COACH	ZONE CONNECTOR	RECHE	Local	0.25	Light Collector	2.2B	\$3.98	\$1.00
North	Fallbrook	STEWART CANYON	RAMP I-15 SB	RAMP I-15 NB	Regional	0.13	Light Collector	4.1B	\$7.10	\$0.92
North	Fallbrook	STEWART CANYON	RAMP I-15 NB	UNKNOWN	Regional	0.08	Light Collector	4.1B	\$7.10	\$0.57
North	Fallbrook	STEWART CANYON	UNKNOWN	PANKEY	Regional	0.65	Light Collector	4.2A	\$11.03	\$7.17
North	North County Metro	AVNDA DEL DIABLO	ZONE CONNECTOR	COUNTRY CLUB	Local	0.00	New	2.1C	\$12.40	\$1.61
North	North County Metro	AVNDA DEL DIABLO	HARMONY GROVE	ZONE CONNECTOR	Local	0.00	New	2.1C	\$12.40	\$1.74
North	North County Metro	AVNDA DEL DIABLO	CITRACADO	HARMONY GROVE	Local	0.00	New	2.1C	\$12.40	\$3.10
North	North County Metro	BEAR VALLEY	BOYLE	BIRCH	RAS	0.26	Light Collector	4.1A	\$11.48	\$2.99
North	North County Metro	BEAR VALLEY	BIRCH	IDAHO	RAS	0.15	Light Collector	4.1A	\$11.48	\$1.72
North	North County Metro	BEAR VALLEY	IDAHO	LANDAVO	RAS	0.11	Light Collector	4.1A	\$11.48	\$1.26
North	North County Metro	BEAR VALLEY	LANDAVO	SUBURBAN HILLS	RAS	0.14	Light Collector	4.1A	\$11.48	\$1.61
North	North County Metro	BEAR VALLEY	SUBURBAN HILLS	SAN PASQUAL VALLEY	RAS	0.21	Light Collector	4.1A	\$11.48	\$2.41
North	North County Metro	BEAR VALLEY	SAN PASQUAL VALLEY	ELDORADO	RAS	0.42	Light Collector	4.1A	\$11.48	\$4.82
North	North County Metro	BEAR VALLEY	ELDORADO	ENCINO	RAS	0.21	Light Collector	4.1A	\$11.48	\$2.41
North	North County Metro	BEAR VALLEY	SUNSET	OLD SPANISH	RAS	0.09	Light Collector	4.1A	\$11.48	\$1.03
North	North County Metro	BEAR VALLEY	SUNSET	OLD SPANISH	RAS	0.03	Light Collector	4.1A	\$11.48	\$0.34
North	North County Metro	BEAR VALLEY	SUNSET	OLD SPANISH	RAS	0.06	Light Collector	4.1A	\$11.48	\$0.69
North	North County Metro	BUENA CREEK	SYCAMORE	SYCAMORE	RAS	0.02	Light Collector	4.1B	\$7.10	\$0.14
North	North County Metro	BUENA CREEK	SYCAMORE	HARTWRIGHT	RAS	0.03	Light Collector	4.1B	\$7.10	\$0.21

Appendix A - Mobility Element Roadway Improvements

Sub-Region	CPA	Roadway	To	From	Facility Type	Length (Miles)	Existing Cross-Section	ME Classification	ME Improvement Unit Cost (Millions)	ME Improvement Total Cost (Millions)
North	North County Metro	BUENA CREEK	HARTWRIGHT	ZONE CONNECTOR	RAS	0.70	Light Collector	4.1B	\$7.10	\$4.97
North	North County Metro	BUENA CREEK	ZONE CONNECTOR	LONE OAK	RAS	0.17	Light Collector	4.1B	\$7.10	\$1.21
North	North County Metro	BUENA CREEK	LONE OAK	MONTE VISTA	RAS	0.25	Light Collector	4.1B	\$7.10	\$1.77
North	North County Metro	BUENA CREEK	MONTE VISTA	SUGARBUSH	RAS	0.61	Light Collector	4.1B	\$7.10	\$4.33
North	North County Metro	BUENA CREEK	SUGARBUSH	HOLLYBERRY	RAS	0.08	Light Collector	4.1B	\$7.10	\$0.57
North	North County Metro	BUENA CREEK	HOLLYBERRY	FREDAS HILL	RAS	0.28	Light Collector	4.1B	\$7.10	\$1.99
North	North County Metro	BUENA CREEK	FREDAS HILL	LAS POSAS	RAS	0.50	Light Collector	4.1B	\$7.10	\$3.55
North	North County Metro	BUENA CREEK	LAS POSAS	TAMARA	RAS	0.43	Town Collector	4.1B	\$3.74	\$1.61
North	North County Metro	BUENA CREEK	TAMARA	SUNSHINE MTN	RAS	0.38	Town Collector	4.1B	\$3.74	\$1.42
North	North County Metro	BUENA CREEK	SUNSHINE MTN	TWIN OAKS VALLEY	RAS	0.12	Town Collector	4.1B	\$3.74	\$0.45
North	North County Metro	CHAMPAGNE	OLD CASTLE	UNKNOWN	RAS	0.07	Town Collector	4.1B	\$3.74	\$0.04
North	North County Metro	CHAMPAGNE	UNKNOWN	LAWRENCE WELK	RAS	0.67	Town Collector	4.1B	\$3.74	\$2.50
North	North County Metro	CHAMPAGNE	LAWRENCE WELK	UNKNOWN	RAS	0.17	Town Collector	4.1B	\$3.74	\$0.64
North	North County Metro	CHAMPAGNE	UNKNOWN	UNKNOWN	RAS	0.18	Town Collector	4.1B	\$3.74	\$0.67
North	North County Metro	CHAMPAGNE	UNKNOWN	UNKNOWN	RAS	0.54	Town Collector	4.1B	\$3.74	\$2.02
North	North County Metro	CHAMPAGNE	UNKNOWN	MOUNTAIN MEADOW	RAS	1.81	Town Collector	4.1B	\$3.74	\$6.76
North	North County Metro	CITRACADO	KAUANA LOA	AVNDA DEL DIABLO	RAS	0.00	Light Collector	4.1A	\$11.48	\$1.15
North	North County Metro	CITRACADO	SCENIC TL	EUCALYPTUS	RAS	0.00	Light Collector	4.1A	\$11.48	\$2.87
North	North County Metro	CITRACADO	EUCALYPTUS	BERNARDO	RAS	0.26	Light Collector	4.1A	\$11.48	\$2.99
North	North County Metro	CITRACADO	EUCALYPTUS	BERNARDO	RAS	0.24	Light Collector	4.1A	\$11.48	\$2.76
North	North County Metro	CITRACADO	BERNARDO	RAMP I-15 SB	RAS	0.12	Light Collector	4.1A	\$11.48	\$1.38
North	North County Metro	CLOVERDALE	UNKNOWN	ZONE CONNECTOR	Local	0.00	New	2.2E	\$12.89	\$0.26
North	North County Metro	DEER SPRINGS	MULBERRY	MARILYN	RAS	0.17	Light Collector	6.2	\$24.18	\$4.11
North	North County Metro	DEER SPRINGS	MARILYN	UNKNOWN	RAS	0.20	Light Collector	6.2	\$24.18	\$4.84
North	North County Metro	DEER SPRINGS	UNKNOWN	VISTA MERRIAM	RAS	0.17	Light Collector	6.2	\$24.18	\$4.11
North	North County Metro	DEER SPRINGS	VISTA MERRIAM	ZONE CONNECTOR	RAS	0.33	Light Collector	6.2	\$24.18	\$7.98
North	North County Metro	DEER SPRINGS	ZONE CONNECTOR	ZONE CONNECTOR	RAS	0.36	Light Collector	6.2	\$24.18	\$8.70
North	North County Metro	DEER SPRINGS	ZONE CONNECTOR	ZONE CONNECTOR	RAS	0.52	Light Collector	6.2	\$24.18	\$12.57
North	North County Metro	DEER SPRINGS	ZONE CONNECTOR	MESA ROCK	RAS	0.23	Light Collector	6.2	\$24.18	\$5.56
North	North County Metro	DEER SPRINGS	MESA ROCK	RAMP I-15 SB	RAS	0.05	Light Collector	6.2	\$24.18	\$1.21
North	North County Metro	EL NORTE	REES	NUTMEG/NORDAHL	RAS	0.39	Collector	4.1A	\$4.72	\$1.84
North	North County Metro	HARMONY GROVE	UNKNOWN	COUNTRY CLUB	Local	0.18	Light Collector	2.2B	\$3.98	\$0.72
North	North County Metro	HARMONY GROVE	ZONE CONNECTOR	UNKNOWN	Local	0.41	Light Collector	2.2B	\$3.98	\$1.63
North	North County Metro	HARMONY GROVE	AVNDA DEL DIABLO	ZONE CONNECTOR	Local	0.04	Light Collector	2.2B	\$3.98	\$0.16
North	North County Metro	HARMONY GROVE	CITRACADO	AVNDA DEL DIABLO	Local	0.45	Light Collector	2.2B	\$3.98	\$1.79
North	North County Metro	LAS POSAS	BUENA CREEK	LA CIENEGA	RAS	0.00	New	2.2C	\$12.89	\$5.93
North	North County Metro	LAS POSAS	LA CIENEGA	ZONE CONNECTOR	RAS	0.00	New	2.2C	\$12.89	\$6.83
North	North County Metro	MAR VISTA	BUENA VISTA DR	CANNON	RAS	0.00	New	2.2B	\$16.40	\$4.59
North	North County Metro	MONTE VISTA	UNKNOWN	FOOTHILL	Regional	0.32	Light Collector	4.1B	\$7.10	\$2.27
North	North County Metro	MONTE VISTA	FOOTHILL	LA RUEDA	Regional	0.23	Light Collector	4.1B	\$7.10	\$1.63
North	North County Metro	MONTE VISTA	LA RUEDA	BUENA CREEK	Regional	0.32	Light Collector	4.1B	\$7.10	\$2.27
North	North County Metro	MOUNTAIN MEADOW	RAMP I-15 SB	RAMP I-15 NB	RAS	0.15	Light Collector	4.1B	\$7.10	\$1.06

Appendix A - Mobility Element Roadway Improvements

Sub-Region	CPA	Roadway	To	From	Facility Type	Length (Miles)	Existing Cross-Section	ME Classification	ME Improvement Unit Cost (Millions)	ME Improvement Total Cost (Millions)
North	North County Metro	MOUNTAIN MEADOW	RAMP I-15 NB	CHAMPAGNE	RAS	0.07	Light Collector	4.1B	\$7.10	\$0.50
North	North County Metro	MOUNTAIN MEADOW	LEGEND ROCK	NORTH BROADWAY	RAS	0.00	New	2.1D	\$15.34	\$19.63
North	North County Metro	MOUNTAIN MEADOW	NORTH BROADWAY	ZONE CONNECTOR	RAS	0.00	New	2.1D	\$15.34	\$8.89
North	North County Metro	MOUNTAIN MEADOW	ZONE CONNECTOR	UNKNOWN	RAS	0.00	New	2.1D	\$15.34	\$2.30
North	North County Metro	MTN VIEW	ZONE CONNECTOR	CLOVERDALE	Local	0.00	New	2.2E	\$12.89	\$6.31
North	North County Metro	N CENTRE CITY	CHAMPAGNE	PROTEA GARDENS	RAS	0.20	Light Collector	4.1B	\$7.10	\$1.42
North	North County Metro	N CENTRE CITY	PROTEA GARDENS	JESMOND DENE	RAS	0.37	Light Collector	4.1B	\$7.10	\$2.63
North	North County Metro	N CENTRE CITY	JESMOND DENE	MESA ROCK	RAS	1.26	Light Collector	4.1B	\$7.10	\$8.94
North	North County Metro	N CENTRE CITY	MESA ROCK	IVY DELL	RAS	0.35	Light Collector	4.1B	\$7.10	\$2.48
North	North County Metro	N CENTRE CITY	IVY DELL	CENTRE CITY	RAS	0.26	Light Collector	4.1B	\$7.10	\$1.85
North	North County Metro	NORDAHL	NUTMEG/NORDAHL	ZONE CONNECTOR	RAS	0.17	Light Collector	4.1B	\$7.10	\$1.21
North	North County Metro	NORDAHL	ZONE CONNECTOR	ROCK SPRINGS	RAS	0.28	Light Collector	4.1B	\$7.10	\$1.99
North	North County Metro	NORDAHL	ROCK SPRINGS	KNOB HILL	RAS	0.31	Light Collector	4.1B	\$7.10	\$2.20
North	North County Metro	NORTH BROADWAY	MOUNTAIN MEADOW	REIDY CANYON	Local	0.00	New	2.1D	\$15.34	\$3.68
North	North County Metro	ROCK SPRINGS	ZONE CONNECTOR	BENNETT	Regional	0.01	Light Collector	4.1B	\$7.10	\$0.07
North	North County Metro	ROCK SPRINGS	BENNETT	REES	Regional	0.26	Light Collector	4.1B	\$7.10	\$1.85
North	North County Metro	ROCK SPRINGS	REES	UNNAMED 9F	Regional	0.23	Light Collector	4.1B	\$7.10	\$1.63
North	North County Metro	ROCK SPRINGS	UNNAMED 9F	NORDAHL	Regional	0.20	Light Collector	4.1B	\$7.10	\$1.42
North	North County Metro	ROCK SPRINGS	NORDAHL	ZONE CONNECTOR	Regional	0.25	Light Collector	4.1B	\$7.10	\$1.77
North	North County Metro	ROCK SPRINGS	ZONE CONNECTOR	DEODAR	Regional	0.10	Light Collector	4.1B	\$7.10	\$0.71
North	North County Metro	ROCK SPRINGS	DEODAR	MONTIEL	Regional	0.08	Light Collector	4.1B	\$7.10	\$0.57
North	North County Metro	ROCK SPRINGS	MONTIEL	SEVEN OAKES	Regional	0.05	Light Collector	4.1B	\$7.10	\$0.35
North	North County Metro	ROCK SPRINGS	SEVEN OAKES	BORDEN	Regional	0.05	Light Collector	4.1B	\$7.10	\$0.35
North	North County Metro	SAN PASQUAL	ZERMATT	VIA RANCHO	Regional	0.00	Town Collector	4.1B	\$3.74	\$0.64
North	North County Metro	SAN PASQUAL	ZERMATT	VIA RANCHO	Regional	0.09	Town Collector	4.1B	\$3.74	\$0.34
North	North County Metro	SAN PASQUAL	ZERMATT	VIA RANCHO	Regional	0.04	Town Collector	4.1B	\$3.74	\$0.15
North	North County Metro	SAN PASQUAL	ZERMATT	VIA RANCHO	Regional	0.09	Town Collector	4.1B	\$3.74	\$0.11
North	North County Metro	SAN PASQUAL	ZERMATT	VIA RANCHO	Regional	0.08	Town Collector	4.1B	\$3.74	\$0.34
North	North County Metro	SAN PASQUAL	ZERMATT	VIA RANCHO	Regional	0.03	Town Collector	4.1B	\$3.74	\$0.30
North	North County Metro	SAN PASQUAL VALLEY	BIRCH/RANRIDO	IDAHO	State	0.42	Light Collector	4.1B	\$7.10	\$2.98
North	North County Metro	SAN PASQUAL VALLEY	IDAHO	17TH	State	0.34	Light Collector	4.1B	\$7.10	\$2.41
North	North County Metro	SAN PASQUAL VALLEY	17TH	BEAR VALLEY	State	0.44	Light Collector	4.1B	\$7.10	\$3.12
North	North County Metro	SAN PASQUAL VALLEY	BEAR VALLEY	CITRUS	State	0.08	Light Collector	4.1A	\$11.48	\$0.92
North	North County Metro	SAN PASQUAL VALLEY	CITRUS	SUMMIT	State	0.23	Light Collector	4.1A	\$11.48	\$2.64
North	North County Metro	SAN PASQUAL VALLEY	SUMMIT	TEEPEE	State	0.44	Light Collector	4.1A	\$11.48	\$5.05
North	North County Metro	SAN PASQUAL VALLEY	TEEPEE	HIGHGROVE	State	0.10	Town Collector	4.1A	\$8.06	\$0.81
North	North County Metro	SAN PASQUAL VALLEY	HIGHGROVE	OLD SAN PASQUAL	State	0.11	Town Collector	4.1A	\$8.06	\$0.89
North	North County Metro	SMILAX	OLEANDER	MIMOSA	Regional	0.00	New	4.1B	\$20.77	\$6.44
North	North County Metro	SOUTH SANTA FE	MONTGOMERY	ZONE CONNECTOR	RAS	0.45	Light Collector	4.1A	\$11.48	\$5.17
North	North County Metro	SOUTH SANTA FE	ZONE CONNECTOR	YORK	RAS	0.05	Light Collector	4.1A	\$11.48	\$0.57
North	North County Metro	SOUTH SANTA FE	YORK	WOODLAND	RAS	0.06	Light Collector	4.1A	\$11.48	\$0.69
North	North County Metro	SOUTH SANTA FE	WOODLAND	TIBER	RAS	0.09	Light Collector	4.1A	\$11.48	\$1.03

Appendix A - Mobility Element Roadway Improvements

Sub-Region	CPA	Roadway	To	From	Facility Type	Length (Miles)	Existing Cross-Section	ME Classification	ME Improvement Unit Cost (Millions)	ME Improvement Total Cost (Millions)
North	North County Metro	SOUTH SANTA FE	TIBER	ROBELINI	RAS	0.18	Light Collector	4.1A	\$11.48	\$2.07
North	North County Metro	SOUTH SANTA FE	ROBELINI	BUENA CREEK	RAS	0.08	Light Collector	4.1A	\$11.48	\$0.92
North	North County Metro	SOUTH SANTA FE	BUENA CREEK	ZONE CONNECTOR	RAS	0.07	Light Collector	4.1A	\$11.48	\$0.80
North	North County Metro	SOUTH SANTA FE	ZONE CONNECTOR	PALMYRA	RAS	0.11	Light Collector	4.1A	\$11.48	\$1.26
North	North County Metro	SOUTH SANTA FE	PALMYRA	AZALEA	RAS	0.20	Light Collector	4.1A	\$11.48	\$2.30
North	North County Metro	SOUTH SANTA FE	AZALEA	POINSETTIA	RAS	0.14	Light Collector	4.1A	\$11.48	\$1.61
North	North County Metro	SOUTH SANTA FE	POINSETTIA	2430/2503	RAS	0.19	Light Collector	4.1A	\$11.48	\$2.18
North	North County Metro	SOUTH SANTA FE	2430/2503	SMILAX	RAS	0.11	Light Collector	4.1A	\$11.48	\$1.26
North	North County Metro	SYCAMORE	BUENA CREEK	UNKNOWN	RAS	0.00	Light Collector	6.2	\$24.18	\$2.66
North	North County Metro	SYCAMORE	UNKNOWN	ROBELINI	RAS	0.00	Light Collector	6.2	\$24.18	\$3.38
North	North County Metro	SYCAMORE	ROBELINI	LOBELIA	RAS	0.01	Light Collector	6.2	\$24.18	\$0.24
North	North County Metro	VALLEY	CLAUDAN	VIA RANCHO	RAS	0.00	Light Collector	4.1A	\$11.48	\$0.57
North	North County Metro	VIA RANCHO	DEL DIOS	LAKE	RAS	0.06	Light Collector	4.1A	\$11.48	\$0.69
North	North County Metro	VIA RANCHO	LAKE	HIGHLANDS WEST	RAS	0.20	Light Collector	4.1A	\$11.48	\$2.30
North	North County Metro	VIA RANCHO	HIGHLANDS WEST	EUCALYPTUS	RAS	0.49	Light Collector	4.1A	\$11.48	\$5.63
North	North County Metro	VIA RANCHO	EUCALYPTUS	VIA LOMA VISTA	RAS	0.57	Light Collector	4.1A	\$11.48	\$6.54
North	North County Metro	VIA RANCHO	VIA LOMA VISTA	FELICITA	RAS	0.74	Light Collector	4.1A	\$11.48	\$8.50
North	North County Metro	VIA RANCHO	FELICITA	MONTESANO	RAS	0.13	Light Collector	4.1A	\$11.48	\$1.49
North	North County Metro	VIA RANCHO	OLD PASQUAL	VIENTO VALLE	Regional	0.28	Light Collector	4.1B	\$7.10	\$1.99
North	North County Metro	VIA RANCHO	VIENTO VALLE	SAN PASQUAL	Regional	0.07	Light Collector	4.1B	\$7.10	\$0.50
North	Pala-Pauma	COLE GRADE NEW	SR-76	UNKNOWN	Local	0.00	New	2.3B	\$12.00	\$13.08
North	Pala-Pauma	COLE GRADE NEW	UNKNOWN	SR-76	Local	0.00	New	2.3B	\$12.00	\$12.48
North	Pendleton-De Luz	CHRISTIANITOS	CAMP TALEGA	TENAJA TRUCK	Local	0.00	New	2.2E	\$12.89	\$2.19
North	San Dieguito	CAM DEL NORTE	SF 1407	4SR	RAS	0.29	Major	6.2	\$7.75	\$2.25
North	San Dieguito	CAM DEL NORTE	4SR	DOVE CANYON	RAS	0.25	Major	6.2	\$7.75	\$1.94
North	San Dieguito	EL APAJO	VIA DE LA VALLE	VIA DE SANTA FE	Local	0.00	New	2.1A	\$14.11	\$4.66
North	San Dieguito	EL APAJO	VIA DE SANTA FE	SAN DIEGUITO	Local	0.57	Light Collector	2.1A	\$4.08	\$2.33
North	San Dieguito	EL CAMINO REAL	ZONE CONNECTOR	LADERA SARINA	Local	0.00	New	2.2F	\$9.90	\$3.07
North	San Dieguito	PASEO DELICIAS	EL CAMINO DEL NORTE	DEL DIOS ROUNDABOUT	RAS	0.06	Light Collector	2.2A	\$4.33	\$0.26
North	San Dieguito	PASEO DELICIAS	DEL DIOS ROUNDABOUT	DEL DIOS ROUNDABOUT	RAS	0.44	Light Collector	2.2A	\$4.33	\$1.91
North	San Dieguito	PASEO DELICIAS	DEL DIOS ROUNDABOUT	LAVALLE PLATEADA	RAS	0.49	Light Collector	2.2A	\$4.33	\$2.12
North	San Dieguito	PASEO DELICIAS	LAVALLE PLATEADA	DEL DIOS ROUNDABOUT	RAS	0.06	Light Collector	2.2A	\$4.33	\$0.26
North	San Dieguito	PASEO DELICIAS	DEL DIOS ROUNDABOUT	LA GRANADA	RAS	0.20	Light Collector	2.2A	\$4.33	\$0.87
North	San Dieguito	PASEO DELICIAS	LA GRANADA	LINEA DEL CIELO	RAS	0.08	Light Collector	2.2A	\$4.33	\$0.35
North	San Dieguito	SAN DIEGUITO	UNKNOWN	CAM SANTA FE	Regional	0.02	Light Collector	4.1A	\$11.48	\$0.23
North	San Dieguito	SAN DIEGUITO	EL APAJO	UNKNOWN	Regional	0.08	Light Collector	4.1A	\$11.48	\$0.92
North	San Dieguito	SAN DIEGUITO	VIA DOS VALLES	EL APAJO	Local	0.74	Light Collector	2.1A	\$4.08	\$3.02
North	San Dieguito	SAN DIEGUITO	ZONE CONNECTOR	VIA DOS VALLES	Local	0.85	Light Collector	2.1A	\$4.08	\$3.47
North	San Dieguito	VIA DE LA VALLE	14906	EL CAMINO REAL	RAS	0.14	Light Collector	2.1B	\$3.70	\$0.52
North	Valley Center	ANTHONY	WEST LILAC	UNKNOWN	Local	0.00	New	2.2C	\$12.89	\$6.19
North	Valley Center	ANTHONY	UNKNOWN	UNKNOWN	Local	0.00	New	2.2C	\$12.89	\$16.50
North	Valley Center	ANTHONY	UNKNOWN	LILAC	Local	0.00	New	2.2C	\$12.89	\$10.44

Appendix A - Mobility Element Roadway Improvements

Sub-Region	CPA	Roadway	To	From	Facility Type	Length (Miles)	Existing Cross-Section	ME Classification	ME Improvement Unit Cost (Millions)	ME Improvement Total Cost (Millions)
North	Valley Center	CHAMPAGNE	GOPHER CANYON	OLD CASTLE	RAS	0.16	Light Collector	4.1B	\$7.10	\$1.14
North	Valley Center	CHAMPAGNE	OLD CASTLE	UNKNOWN	RAS	0.04	Town Collector	4.1B	\$3.74	\$0.11
North	Valley Center	CHAMPAGNE	OLD CASTLE	UNKNOWN	RAS	0.01	Town Collector	4.1B	\$3.74	\$0.19
North	Valley Center	CHAMPAGNE	OLD CASTLE	UNKNOWN	RAS	0.15	Town Collector	4.1B	\$3.74	\$0.19
North	Valley Center	CHAMPAGNE	OLD CASTLE	UNKNOWN	RAS	0.02	Town Collector	4.1B	\$3.74	\$0.15
North	Valley Center	CHAMPAGNE	OLD CASTLE	UNKNOWN	RAS	0.00	Town Collector	4.1B	\$3.74	\$0.26
North	Valley Center	CHAMPAGNE	OLD CASTLE	UNKNOWN	RAS	0.03	Town Collector	4.1B	\$3.74	\$0.04
North	Valley Center	CHAMPAGNE	OLD CASTLE	UNKNOWN	RAS	0.04	Town Collector	4.1B	\$3.74	\$0.34
North	Valley Center	CHAMPAGNE	OLD CASTLE	UNKNOWN	RAS	0.00	Town Collector	4.1B	\$3.74	\$0.07
North	Valley Center	COLE GRADE	FRUITVALE	JAKE	RAS	0.35	Light Collector	4.2A	\$11.03	\$3.86
North	Valley Center	COLE GRADE	JAKE	ZONE CONNECTOR	RAS	0.13	Light Collector	4.2A	\$11.03	\$1.43
North	Valley Center	COLE GRADE	ZONE CONNECTOR	VALLEY CENTER	RAS	0.19	Light Collector	4.2A	\$11.03	\$2.10
North	Valley Center	CYPRESS	LILAC	ZONE CONNECTOR	Regional	0.39	Light Collector	4.2B	\$7.17	\$2.79
North	Valley Center	CYPRESS	ZONE CONNECTOR	CHARLAN	Regional	0.38	Light Collector	4.2B	\$7.17	\$2.72
North	Valley Center	GLEN	UNKNOWN	ANTHONY	Local	0.00	New	2.2C	\$12.89	\$18.30
North	Valley Center	GLEN	UNKNOWN	UNKNOWN	Local	0.00	New	2.2C	\$12.89	\$13.02
North	Valley Center	GLEN	UNKNOWN	UNKNOWN	Local	0.00	New	2.2C	\$12.89	\$3.09
North	Valley Center	GLEN	PAUMA HEIGHTS	UNKNOWN	Local	0.00	New	2.2C	\$12.89	\$11.21
North	Valley Center	LILAC	ANTHONY	UNKNOWN	Regional	0.43	Light Collector	4.2B	\$7.17	\$3.08
North	Valley Center	LILAC	UNKNOWN	BETSWORTH	Regional	0.97	Light Collector	4.2B	\$7.17	\$6.95
North	Valley Center	LILAC	BETSWORTH	CYPRESS	Regional	0.15	Light Collector	4.2B	\$7.17	\$1.07
North	Valley Center	LILAC	CYPRESS	VALLEY CENTER	Regional	0.15	Light Collector	4.2B	\$7.17	\$1.07
North	Valley Center	MOUNTAIN MEADOW	ZONE CONNECTOR	UNKNOWN	RAS	0.00	New	2.1D	\$15.34	\$6.59
North	Valley Center	MOUNTAIN MEADOW	UNKNOWN	UNKNOWN	RAS	0.00	New	2.1D	\$15.34	\$9.20
North	Valley Center	MOUNTAIN MEADOW	UNKNOWN	UNKNOWN	RAS	0.00	New	2.1D	\$15.34	\$0.92
North	Valley Center	MOUNTAIN MEADOW	UNKNOWN	UNKNOWN	RAS	0.00	New	2.1D	\$15.34	\$6.59
North	Valley Center	MOUNTAIN MEADOW	UNKNOWN	UNKNOWN	RAS	0.00	New	2.1D	\$15.34	\$0.15
North	Valley Center	MOUNTAIN MEADOW	UNKNOWN	FRACE	RAS	0.00	New	2.1D	\$15.34	\$4.29
North	Valley Center	MOUNTAIN MEADOW	FRACE	ZONE CONNECTOR	RAS	0.00	New	2.1D	\$15.34	\$11.04
North	Valley Center	OLD 395	LILAC RIDGE	ZONE CONNECTOR	RAS	0.01	Light Collector	4.1B	\$7.10	\$0.21
North	Valley Center	OLD 395	LILAC RIDGE	ZONE CONNECTOR	RAS	0.13	Light Collector	4.1B	\$7.10	\$0.07
North	Valley Center	OLD 395	LILAC RIDGE	ZONE CONNECTOR	RAS	0.30	Light Collector	4.1B	\$7.10	\$0.92
North	Valley Center	OLD 395	LILAC RIDGE	ZONE CONNECTOR	RAS	0.07	Light Collector	4.1B	\$7.10	\$0.35
North	Valley Center	OLD 395	ZONE CONNECTOR	CAM DEL REY	RAS	0.00	Light Collector	4.1B	\$7.10	\$0.43
North	Valley Center	OLD 395	ZONE CONNECTOR	CAM DEL REY	RAS	0.00	Light Collector	4.1B	\$7.10	\$0.71
North	Valley Center	OLD 395	CAM DEL REY	CIRCLE R	RAS	0.00	Town Collector	4.1B	\$3.74	\$0.56
North	Valley Center	OLD 395	CAM DEL REY	CIRCLE R	RAS	0.00	Town Collector	4.1B	\$3.74	\$0.30
North	Valley Center	OLD 395	CAM DEL REY	CIRCLE R	RAS	0.00	Town Collector	4.1B	\$3.74	\$0.19
North	Valley Center	OLD 395	CAM DEL REY	CIRCLE R	RAS	0.05	Town Collector	4.1B	\$3.74	\$0.41
North	Valley Center	OLD 395	CIRCLE R	GOPHER CANYON	RAS	0.15	Light Collector	4.1B	\$7.10	\$1.06
North	Valley Center	TURTLE ROCK	BALLARENA	COLE GRADE	Local	0.00	New	2.3B	\$12.00	\$1.68
North	Valley Center	VALLEY CENTER	WILHITE	VESPER	RAS	0.33	Light Collector	4.2A	\$11.03	\$3.64

Appendix A - Mobility Element Roadway Improvements

Sub-Region	CPA	Roadway	To	From	Facility Type	Length (Miles)	Existing Cross-Section	ME Classification	ME Improvement Unit Cost (Millions)	ME Improvement Total Cost (Millions)
North	Valley Center	VALLEY CENTER	VESPER	COLE GRADE	RAS	0.21	Light Collector	4.2A	\$11.03	\$2.32
North	Valley Center	VILLA SIERRA	UNKNOWN	UNKNOWN	Local	0.00	New	2.3C	\$12.00	\$11.64
North	Valley Center	VILLA SIERRA	UNKNOWN	UNKNOWN	Local	0.00	New	2.3C	\$12.00	\$3.60
North	Valley Center	VILLA SIERRA	UNKNOWN	MACTAN	Local	0.00	New	2.3C	\$12.00	\$3.60
North	Valley Center	WEST LILAC	ZONE CONNECTOR	ZONE CONNECTOR	Local	0.00	New	2.2F	\$9.90	\$7.33
East	Desert	TILTING T	DI GIORGIO	MARKER	Local	0.63	Light Collector	2.2B	\$3.98	\$2.51
East	Desert	TILTING T	MARKER	BORREGO VALLEY	Local	0.62	Light Collector	2.2B	\$3.98	\$2.47
East	Mountain Empire	TECATE	SR-94	ZONE CONNECTOR	State	0.56	Light Collector	4.1A	\$11.48	\$6.43
East	Mountain Empire	TECATE	ZONE CONNECTOR	ZONE CONNECTOR	State	0.91	Light Collector	4.1A	\$11.48	\$10.45
East	Mountain Empire	TECATE	ZONE CONNECTOR	ZONE CONNECTOR	State	0.24	Light Collector	4.1A	\$11.48	\$2.76
East	Mountain Empire	TECATE	ZONE CONNECTOR	ZONE CONNECTOR	State	0.15	Light Collector	4.1A	\$11.48	\$1.72
East	Ramona	ASH	ZONE CONNECTOR	SR-78	Local	0.00	New	2.1E	\$12.40	\$13.02
East	Ramona	ASHLEY	CREELMAN	DYE	Local	0.00	New	2.3B	\$12.00	\$3.00
East	Ramona	BOUNDARY	JULIAN	HUNTER	Local	0.00	New	2.2E	\$12.89	\$10.18
East	Ramona	DYE	UNKNOWN	MUSSEY GRADE	RAS	0.00	New	2.1E	\$12.40	\$7.44
East	Ramona	DYE	RAMONA	WARNOCK	RAS	0.00	New	2.1C	\$12.40	\$8.68
East	Ramona	DYE	SAN VICENTE	UNKNOWN	RAS	0.00	New	2.1C	\$12.40	\$3.10
East	Ramona	DYE	UNKNOWN	ASHLEY	RAS	0.00	New	2.1C	\$12.40	\$3.10
East	Ramona	DYE	ASHLEY	KEYES	RAS	0.00	New	2.1C	\$12.40	\$8.18
East	Ramona	HIGHLAND VALLEY	UNKNOWN	BANDY CANYON	Local	0.70	Light Collector	2.2A	\$4.33	\$0.52
East	Ramona	HIGHLAND VALLEY	UNKNOWN	BANDY CANYON	Local	0.12	Light Collector	2.2A	\$4.33	\$3.03
East	Ramona	HIGHLAND VALLEY	BANDY CANYON	PASEO PENASCO	Local	0.83	Light Collector	2.2A	\$4.33	\$3.60
East	Ramona	HIGHLAND VALLEY	PASEO PENASCO	RAMP SR125 SB	Local	0.67	Light Collector	2.2A	\$4.33	\$2.90
East	Ramona	HIGHLAND VALLEY	RAMP SR125 SB	RAMP SR125 NB	Local	0.08	Light Collector	2.2A	\$4.33	\$0.35
East	Ramona	HIGHLAND VALLEY	RAMP SR125 NB	SA 603	Local	1.11	Light Collector	2.2A	\$4.33	\$4.81
East	Ramona	HIGHLAND VALLEY	SA 603	SKY VALLEY	Local	1.23	Light Collector	2.2A	\$4.33	\$5.33
East	Ramona	HIGHLAND VALLEY	SKY VALLEY	ZONE CONNECTOR	Local	0.90	Light Collector	2.2A	\$4.33	\$3.90
East	Ramona	HIGHLAND VALLEY	ZONE CONNECTOR	SR-125 ACCESS	Local	0.22	Light Collector	2.2A	\$4.33	\$0.95
East	Ramona	HIGHLAND VALLEY	SR-125 ACCESS	ARCHIE MOORE	Local	0.76	Light Collector	2.2A	\$4.33	\$3.29
East	Ramona	JULIAN	DYE	MUSSEY GRADE	State	0.46	Town Collector	4.1A	\$8.06	\$3.71
East	Ramona	JULIAN	HIGHLAND VALLEY	DYE	State	0.12	Town Collector	4.1A	\$8.06	\$0.97
East	Ramona	JULIAN	ZONE CONNECTOR	HIGHLAND VALLEY	State	0.49	Town Collector	4.1A	\$8.06	\$3.95
East	Ramona	JULIAN	BOUNDARY	ZONE CONNECTOR	State	0.10	Town Collector	4.1A	\$8.06	\$0.81
East	Ramona	JULIAN	MAIN	BOUNDARY	State	0.47	Town Collector	4.1A	\$8.06	\$3.79
East	Ramona	KEYES	MAGNOLIA	ZONE CONNECTOR	RAS	0.00	New	2.1C	\$12.40	\$6.94
East	Ramona	KEYES	ZONE CONNECTOR	OLD JULIAN	RAS	0.00	New	2.1C	\$12.40	\$3.22
East	Ramona	MAIN	KALBAUGH	ETCHEVERRY	State	0.25	Town Collector	4.1B	\$3.74	\$0.93
East	Ramona	SA 330	MONTECITO	ZONE CONNECTOR	Local	0.00	New	2.2E	\$12.89	\$4.64
East	Ramona	SA 330	ZONE CONNECTOR	SAWDAY	Local	0.00	New	2.2E	\$12.89	\$3.99
East	Ramona	SAWDAY	SA 330	JULIAN	Local	0.00	New	2.2E	\$12.89	\$10.31
East	Ramona	SR-67	MUSSEY GRADE	ZONE CONNECTOR	State	0.44	Town Collector	4.1A	\$8.06	\$3.55
East	Ramona	SR-67	ZONE CONNECTOR	AIR MAIL	State	0.60	Town Collector	4.1A	\$8.06	\$4.83

Appendix A - Mobility Element Roadway Improvements

Sub-Region	CPA	Roadway	To	From	Facility Type	Length (Miles)	Existing Cross-Section	ME Classification	ME Improvement Unit Cost (Millions)	ME Improvement Total Cost (Millions)
East	Ramona	SR-67	AIR MAIL	UNKNOWN	State	0.58	Light Collector	4.1A	\$11.48	\$6.66
East	Ramona	SR-67	UNKNOWN	ARCHIE MOORE	State	0.69	Light Collector	4.1A	\$11.48	\$7.92

Attachment B
List of Improvements Associated with Existing Roadway Deficiencies
and/or Outside Growth



Appendix B - Non-TIF Improvements

Sub-Region	CPA	Roadway	To	From	Facility Type	Length (Miles)	Existing Cross-Section	Non-TIF Required Classification	Non-TIF Improvement Unit Cost (Millions)	Non-TIF Improvement Total Cost (Millions)
South	Alpine	ALPINE	ZONE CONNECTOR	ZONE CONNECTOR	RAS	0.18	Light Collector	2.2A	\$4.33	\$0.78
South	Alpine	ALPINE	ZONE CONNECTOR	UNKNOWN	RAS	0.14	Light Collector	2.2A	\$4.33	\$0.61
South	Alpine	ALPINE	UNKNOWN	UNKNOWN	RAS	0.08	Light Collector	2.2A	\$4.33	\$0.35
South	Alpine	ALPINE	UNKNOWN	WEST VICTORIA	RAS	0.07	Light Collector	2.2A	\$4.33	\$0.30
South	Alpine	ALPINE	WEST VICTORIA	ELTINGE	RAS	0.05	Light Collector	2.2A	\$4.33	\$0.22
South	Alpine	ALPINE	ELTINGE	ALPINE MHP	RAS	0.29	Light Collector	2.2A	\$4.33	\$1.26
South	Alpine	ALPINE	ALPINE MHP	BAY MEADOWS	RAS	0.11	Light Collector	2.2A	\$4.33	\$0.48
South	Alpine	ALPINE	BAY MEADOWS	PADRE DAM/DANATOS	RAS	0.20	Light Collector	2.2A	\$4.33	\$0.87
South	Alpine	ALPINE	ROCK	RAMP I-8 EB	RAS	0.09	Light Collector	2.2A	\$4.33	\$0.39
South	Alpine	CITRANO LN	UNKNOWN	TAVERN	Local	0.33	New	2.3A	\$12.00	\$3.96
South	Alpine	CITRANO LN	LARKSPUR	UNKNOWN	Local	0.41	New	2.3A	\$12.00	\$4.92
South	Alpine	SC 1930	DUNBAR	UNKNOWN	Local	0.10	New	2.3C	\$12.00	\$1.20
South	Alpine	TAVERN	TABERNA VISTA	TABERNA VISTA	Regional	0.23	Town Collector	4.1A	\$8.06	\$1.85
South	Alpine	TAVERN	TABERNA VISTA	VICTORIA MEADOWS	Regional	0.37	Town Collector	4.1A	\$8.06	\$2.98
South	Alpine	TAVERN	RAMP I-8 WB	RAMP I-8 HOV EB	Regional	0.17	Town Collector	4.1B	\$3.74	\$0.64
South	Alpine	TAVERN	RAMP I-8 HOV EB	RAMP	Regional	0.06	Town Collector	4.1B	\$3.74	\$0.22
South	Alpine	TAVERN	RAMP	ALPINE	Regional	0.04	Town Collector	4.1B	\$3.74	\$0.15
South	Alpine	VICTORIA PARK	TAVERN	LARKSPUR	Local	0.23	New	2.2A	\$16.40	\$3.77
South	Alpine	VICTORIA PARK	LARKSPUR	GENTIAN	Local	0.17	New	2.2E	\$12.89	\$2.19
South	Alpine	WILLOWS	VIEJAS GRADE	UNKNOWN	RAS	0.62	Light Collector	4.2A	\$11.03	\$6.84
South	Alpine	WILLOWS	UNKNOWN	VIEJAS ROW	RAS	0.35	Light Collector	4.2A	\$11.03	\$3.86
South	County Islands	EUCLID	RIDGEWAY	NORTH OF SWEETWATER	RAS	0.29	Light Collector	4.1B	\$7.10	\$2.06
South	County Islands	EUCLID	RIDGEWAY	NORTH OF SWEETWATER	RAS	0.01	Light Collector	4.1B	\$7.10	\$0.07
South	County Islands	EUCLID	NORTH OF SWEETWATER	SWEETWATER	RAS	0.03	Light Collector	4.1B	\$7.10	\$0.21
South	County Islands	MIRAMAR	RAMP I-15 NB	RAMP I-15 SB	RAS	0.09	Collector	4.1A	\$4.72	\$0.42
South	County Islands	POMERADO	WILLOW CREEK	UNKNOWN	RAS	0.52	Town Collector	4.1A	\$8.06	\$4.19
South	County Islands	POMERADO	UNKNOWN	RAMP I-15 NB	RAS	0.06	Light Collector	4.1A	\$11.48	\$0.69
South	County Islands	POMERADO	RAMP I-15 NB	RAMP I-15 NB	RAS	0.11	Town Collector	4.1A	\$8.06	\$0.89
South	County Islands	SWEETWATER	RAMP I-805 SB	RAMP I-805 NB	RAS	0.05	Collector	6.2	\$12.99	\$0.65
South	County Islands	SWEETWATER	RAMP I-805 NB	OLIVE	RAS	0.07	Collector	6.2	\$12.99	\$0.91
South	County Islands	SWEETWATER	OLIVE	ORANGE	RAS	0.04	Collector	6.2	\$12.99	\$0.52
South	Crest-Dehesa	DEHESA	WILLOW GLEN	ZONE CONNECTOR	RAS	0.42	Light Collector	4.1B	\$7.10	\$2.98
South	Crest-Dehesa	DEHESA	ZONE CONNECTOR	SYCUAN SUMMIT	RAS	0.57	Light Collector	4.1B	\$7.10	\$4.05
South	Crest-Dehesa	DEHESA	SYCUAN SUMMIT	UNKNOWN	RAS	0.81	Light Collector	4.1B	\$7.10	\$8.19
South	Crest-Dehesa	DEHESA	UNKNOWN	UNKNOWN	RAS	0.91	Light Collector	4.1B	\$7.10	\$6.46
South	Crest-Dehesa	DEHESA	UNKNOWN	HARBISON CANYON	RAS	0.51	Light Collector	4.1B	\$7.10	\$3.62
South	Crest-Dehesa	DEHESA	HARBISON CANYON	ZONE CONNECTOR	RAS	0.25	Light Collector	4.1B	\$7.10	\$1.77
South	Crest-Dehesa	DEHESA	ZONE CONNECTOR	SYCUAN	RAS	0.48	Light Collector	4.1B	\$7.10	\$3.41
South	Crest-Dehesa	GREENFIELD	BERMUDA LANE	CANDLE	Regional	0.06	Light Collector	4.1B	\$7.10	\$0.43
South	Crest-Dehesa	GREENFIELD	CANDLE	SYCAMORE	Regional	0.08	Light Collector	4.1B	\$7.10	\$0.57
South	Crest-Dehesa	GREENFIELD	SYCAMORE	LA CRESTA	Regional	0.15	Light Collector	4.1B	\$7.10	\$1.06

Appendix B - Non-TIF Improvements

Sub-Region	CPA	Roadway	To	From	Facility Type	Length (Miles)	Existing Cross-Section	Non-TIF Required Classification	Non-TIF Improvement Unit Cost (Millions)	Non-TIF Improvement Total Cost (Millions)
South	Crest-Dehesa	GREENFIELD	LA CRESTA	ZONE CONNECTOR	Regional	0.24	Light Collector	4.1B	\$7.10	\$1.70
South	Jamul-Dulzura	CAMPO	ZONE CONNECTOR	SR-94	State	0.08	Town Collector	4.1B	\$3.74	\$0.30
South	Jamul-Dulzura	CAMPO	SR-94	FAIR ACRES	State	0.19	Town Collector	4.1A	\$8.06	\$1.53
South	Jamul-Dulzura	CAMPO	FAIR ACRES	STEELE CANYON	State	0.29	Town Collector	4.1A	\$8.06	\$2.34
South	Jamul-Dulzura	CAMPO	STEELE CANYON	RANCHO MIGUEL	State	0.18	Town Collector	4.1B	\$3.74	\$0.67
South	Jamul-Dulzura	CAMPO	RANCHO MIGUEL	VISTA SAGE	State	1.13	Town Collector	4.1B	\$3.74	\$4.22
South	Jamul-Dulzura	CAMPO	VISTA SAGE	VISTA DIEGO	State	0.62	Town Collector	4.1A	\$8.06	\$5.00
South	Jamul-Dulzura	CAMPO	VISTA DIEGO	LYONS VALLEY	State	0.09	Town Collector	4.1A	\$8.06	\$0.73
South	Jamul-Dulzura	CAMPO	LYONS VALLEY	UNKNOWN	State	0.21	Town Collector	4.1A	\$8.06	\$1.69
South	Jamul-Dulzura	CAMPO	UNKNOWN	JEFFERSON	State	0.13	Town Collector	4.1B	\$3.74	\$0.49
South	Jamul-Dulzura	CAMPO	JEFFERSON	ZONE CONNECTOR	State	0.28	Town Collector	4.1A	\$8.06	\$2.26
South	Jamul-Dulzura	CAMPO	ZONE CONNECTOR	MAXFIELD	State	0.09	Town Collector	4.1A	\$8.06	\$0.73
South	Jamul-Dulzura	CAMPO	MAXFIELD	HILLSIDE	State	0.16	Town Collector	4.1A	\$8.06	\$1.29
South	Jamul-Dulzura	CAMPO	HILLSIDE	MELODY	State	0.35	Town Collector	4.1A	\$8.06	\$2.82
South	Jamul-Dulzura	JEFFERSON	OLIVE VISTA	ZONE CONNECTOR	Local	0.18	Light Collector	2.2A	\$4.33	\$0.78
South	Jamul-Dulzura	JEFFERSON	ZONE CONNECTOR	PROCTOR VALLEY	Local	0.15	Light Collector	2.2A	\$4.33	\$0.65
South	Jamul-Dulzura	LYONS VALLEY	CAMPO	OLIVE VISTA	Local	0.19	Light Collector	2.2B	\$3.98	\$0.76
South	Jamul-Dulzura	LYONS VALLEY	OLIVE VISTA	JEFFERSON	Local	0.18	Light Collector	2.2B	\$3.98	\$0.72
South	Jamul-Dulzura	LYONS VALLEY	JEFFERSON	RESERVOIR	Local	0.19	Light Collector	2.2B	\$3.98	\$0.76
South	Jamul-Dulzura	LYONS VALLEY	RESERVOIR	JAMUL	Local	0.18	Light Collector	2.2B	\$3.98	\$0.72
South	Jamul-Dulzura	LYONS VALLEY	JAMUL	RIO GRANDE	Local	0.42	Light Collector	2.2B	\$3.98	\$1.67
South	Jamul-Dulzura	LYONS VALLEY	RIO GRANDE	PEG LEG MINE	Local	0.06	Light Collector	2.2B	\$3.98	\$0.24
South	Jamul-Dulzura	LYONS VALLEY	PEG LEG MINE	ROCKY SAGE	Local	0.24	Light Collector	2.2B	\$3.98	\$0.96
South	Jamul-Dulzura	LYONS VALLEY	ROCKY SAGE	SC 760	Local	0.04	Light Collector	2.2B	\$3.98	\$0.16
South	Jamul-Dulzura	LYONS VALLEY	SC 760	SKYLINE TRUCK	Local	0.12	Light Collector	2.2B	\$3.98	\$0.48
South	Jamul-Dulzura	SR-94	CAMPO	CAMPO	State	0.42	Town Collector	4.1A	\$8.06	\$3.38
South	Jamul-Dulzura	STEELE CANYON	OLD CALIFORNIA	VISTA CIELO	Regional	0.28	Light Collector	4.1B	\$7.10	\$1.99
South	Lakeside	ASHWOOD	WILLOW	ZONE CONNECTOR	Regional	0.43	Light Collector	4.1A	\$11.48	\$4.94
South	Lakeside	ASHWOOD	ZONE CONNECTOR	ZONE CONNECTOR	Regional	0.38	Light Collector	4.1A	\$11.48	\$4.36
South	Lakeside	ASHWOOD	ZONE CONNECTOR	MAPLEVIEW	Regional	0.18	Light Collector	4.1A	\$11.48	\$2.07
South	Lakeside	BALLANTYNE	HART	BROADWAY	Regional	0.07	Light Collector	2.1A	\$4.08	\$0.29
South	Lakeside	BRADLEY	MAGNOLIA	RAMP SR-67 SB	RAS	0.06	Light Collector	4.1B	\$7.10	\$0.43
South	Lakeside	BRADLEY	RAMP SR-67 SB	RAMP SR-67 NB	RAS	0.08	Light Collector	4.1B	\$7.10	\$0.57
South	Lakeside	BRADLEY	RAMP SR-67 NB	GRAVES	RAS	0.05	Light Collector	4.1B	\$7.10	\$0.35
South	Lakeside	BRADLEY	GRAVES	201	RAS	0.11	Light Collector	4.1B	\$7.10	\$0.78
South	Lakeside	BRADLEY	201	325/360	RAS	0.09	Light Collector	4.1B	\$7.10	\$0.64
South	Lakeside	BRADLEY	325/360	450/465-MHP/469	RAS	0.12	Light Collector	4.1B	\$7.10	\$0.85
South	Lakeside	BRADLEY	450/465-MHP/469	MOLLISON	RAS	0.10	Light Collector	4.1B	\$7.10	\$0.71
South	Lakeside	BRADLEY	UNKNOWN	01ST	RAS	0.12	Light Collector	4.1B	\$7.10	\$0.85
South	Lakeside	BRADLEY	01ST	SOMERLANE	RAS	0.36	New	4.1B	\$20.77	\$7.48
South	Lakeside	BROAD OAKS	HAWLEY	SC 1930	Local	0.54	New	2.3C	\$12.00	\$6.48

Appendix B - Non-TIF Improvements

Sub-Region	CPA	Roadway	To	From	Facility Type	Length (Miles)	Existing Cross-Section	Non-TIF Required Classification	Non-TIF Improvement Unit Cost (Millions)	Non-TIF Improvement Total Cost (Millions)
South	Lakeside	GRAVES	PEPPER	DANNY	Regional	0.23	Light Collector	4.1B	\$7.10	\$1.63
South	Lakeside	GRAVES	DANNY	BRADLEY	Regional	0.21	Light Collector	4.1B	\$7.10	\$1.49
South	Lakeside	I-8 BUSINESS	JACKSON HILL	13162(TERRACE VIEW)	Regional	0.13	Light Collector	4.2B	\$7.17	\$0.93
South	Lakeside	I-8 BUSINESS	13545	13490	Regional	0.09	Light Collector	4.2B	\$7.17	\$0.64
South	Lakeside	I-8 BUSINESS	13655/LAKE VIEW	13594	Regional	0.14	Light Collector	4.2B	\$7.17	\$1.00
South	Lakeside	LAKE JENNINGS PARK	EL MONTE	ZONE CONNECTOR	RAS	0.50	Light Collector	4.1B	\$7.10	\$3.55
South	Lakeside	LAKE JENNINGS PARK	ZONE CONNECTOR	AMERICAN	RAS	0.37	Light Collector	4.1B	\$7.10	\$2.63
South	Lakeside	LAKE JENNINGS PARK	AMERICAN	PINKARD	RAS	0.50	Light Collector	4.1B	\$7.10	\$3.55
South	Lakeside	LAKE JENNINGS PARK	PINKARD	HARRITT	RAS	0.10	Light Collector	4.1B	\$7.10	\$0.71
South	Lakeside	LAKE JENNINGS PARK	HARRITT	JENNINGS VISTA	RAS	0.03	Light Collector	4.1B	\$7.10	\$0.21
South	Lakeside	LAKE JENNINGS PARK	JENNINGS VISTA	HWY 8/BLOSSOM VALLEY	RAS	0.08	Light Collector	4.1B	\$7.10	\$0.57
South	Lakeside	LAKE JENNINGS PARK	HWY 8/BLOSSOM VALLEY	RAMP I-8 WB	RAS	0.05	Light Collector	4.1B	\$7.10	\$0.35
South	Lakeside	LAKE JENNINGS PARK	RAMP I-8 WB	RAMP I-8 WB	RAS	0.03	Light Collector	4.1B	\$7.10	\$0.21
South	Lakeside	LAKE JENNINGS PARK	RAMP I-8 WB	SIERRA ALTA	RAS	0.04	Light Collector	4.1B	\$7.10	\$0.28
South	Lakeside	MAGNOLIA	AIRPORT	1681	Regional	0.15	Light Collector	4.1B	\$7.10	\$1.06
South	Lakeside	MAGNOLIA	1681	DENNY	Regional	0.12	Light Collector	4.1B	\$7.10	\$0.85
South	Lakeside	MAGNOLIA	BRADLEY	CYPRESS	Regional	0.15	Light Collector	4.1B	\$7.10	\$1.06
South	Lakeside	MAGNOLIA	CYPRESS	UNKNOWN	Regional	0.17	Light Collector	4.1B	\$7.10	\$1.21
South	Lakeside	MAGNOLIA	UNKNOWN	VERNON	Regional	0.14	Light Collector	4.1B	\$7.10	\$0.99
South	Lakeside	MAPLEVIEW	ZONE CONNECTOR	INDUSTRY	Regional	0.15	New	2.2E	\$12.89	\$1.93
South	Lakeside	MAPLEVIEW	CHANNEL	ZONE CONNECTOR	Regional	0.24	New	4.1A	\$22.92	\$5.50
South	Lakeside	MAPLEVIEW	RAMP SR-67 SB	UNKNOWN	RAS	0.03	Light Collector	4.1A	\$11.48	\$0.34
South	Lakeside	MAPLEVIEW	UNKNOWN	UNKNOWN	RAS	0.02	Light Collector	4.1A	\$11.48	\$0.23
South	Lakeside	MAPLEVIEW	UNKNOWN	MAINE	RAS	0.03	Light Collector	4.1A	\$11.48	\$0.34
South	Lakeside	MAPLEVIEW	MAINE	VINE	RAS	0.04	Light Collector	4.1A	\$11.48	\$0.46
South	Lakeside	MAPLEVIEW	VINE	UNKNOWN	RAS	0.15	Collector	4.1A	\$4.72	\$0.71
South	Lakeside	MAPLEVIEW	UNKNOWN	ASHWOOD	RAS	0.08	Collector	4.1A	\$4.72	\$0.38
South	Lakeside	MAST	LOS RANCHITOS	UNNAMED LKS	Regional	0.14	New	4.1B	\$20.77	\$3.08
South	Lakeside	MAST	UNNAMED LKS	UNKNOWN	Regional	0.22	New	4.1B	\$20.77	\$4.84
South	Lakeside	MAST	UNKNOWN	RIVERFORD	Regional	0.24	New	4.1B	\$20.77	\$5.28
South	Lakeside	OLDE 80	RAMP I-8 EB	PECAN PARK	Regional	0.03	Light Collector	4.1B	\$7.10	\$0.21
South	Lakeside	OLDE 80	PECAN PARK	PECAN PARK	Regional	0.30	Light Collector	4.1B	\$7.10	\$2.13
South	Lakeside	OLDE 80	PECAN PARK	14315/14328	Regional	0.07	Light Collector	4.1B	\$7.10	\$0.50
South	Lakeside	OLDE 80	14315/14328	BOND	Regional	0.08	Light Collector	4.1B	\$7.10	\$0.57
South	Lakeside	OLDE 80	BOND	ZONE CONNECTOR	Regional	0.20	Light Collector	4.1B	\$7.10	\$1.42
South	Lakeside	OLDE 80	ZONE CONNECTOR	CHIMNEY ROCK	Regional	0.09	Light Collector	4.1B	\$7.10	\$0.64
South	Lakeside	OLDE 80	MARINA SPRINGS	LABRADOR	Local	0.24	Light Collector	2.2B	\$3.98	\$0.96
South	Lakeside	OLDE 80	LABRADOR	FLINN SPRINGS	Local	0.45	Light Collector	2.2B	\$3.98	\$1.79
South	Lakeside	OLDE 80	FLINN SPRINGS	15141 HOLIDAY R	Local	0.15	Light Collector	2.2B	\$3.98	\$0.60
South	Lakeside	OLDE 80	15141 HOLIDAY R	15353/OAK CREEK	Local	0.43	Light Collector	2.2B	\$3.98	\$1.71
South	Lakeside	PEPPER	SOMERLANE	02ND/WINTER GARDENS	RAS	0.16	Light Collector	4.1B	\$7.10	\$1.14

Appendix B - Non-TIF Improvements

Sub-Region	CPA	Roadway	To	From	Facility Type	Length (Miles)	Existing Cross-Section	Non-TIF Improvement Classification	Non-TIF Improvement Unit Cost (Millions)	Non-TIF Improvement Total Cost (Millions)
South	Lakeside	PEPPER	SOMERLANE	02ND/WINTER GARDENS	RAS	0.09	Light Collector	4.1B	\$7.10	\$0.64
South	Lakeside	RIVERFORD	RIVERSIDE/MAST	UNKNOWN	Regional	0.10	Town Collector	6.2	\$22.71	\$2.56
South	Lakeside	RIVERFORD	UNKNOWN	WOODSIDE(N)	Regional	0.22	Town Collector	4.1B	\$3.74	\$0.82
South	Lakeside	RIVERFORD	WOODSIDE(N)	RAMP SR-67 SB	Regional	0.04	Town Collector	4.1B	\$3.74	\$0.15
South	Lakeside	RIVERFORD	RAMP SR-67 SB	WOODSIDE	Regional	0.09	Town Collector	2.1A	\$0.86	\$0.08
South	Lakeside	RIVERSIDE	RIVERFORD	PALM ROW	Regional	0.28	Light Collector	4.1B	\$7.10	\$1.99
South	Lakeside	RIVERSIDE	PALM ROW	VISTA CAMINO	Regional	0.21	Light Collector	4.1B	\$7.10	\$1.49
South	Lakeside	SIERRA ALTA	LAKE JENNINGS PARK	RAMP I-8 EB	RAS	0.03	Light Collector	4.1B	\$7.10	\$0.21
South	Lakeside	SR-67	SCRIPPS POWAY	SYCAMORE PARK	State	0.69	Town Collector	4.1A	\$8.06	\$5.56
South	Lakeside	SR-67	SYCAMORE PARK	UNKNOWN	State	0.39	Town Collector	4.1A	\$8.06	\$3.14
South	Lakeside	SR-67	UNKNOWN	UNKNOWN	State	1.12	Town Collector	4.1A	\$8.06	\$9.02
South	Lakeside	SR-67	SLAUGHTERHOUSE CNYN	VIGILANTE	State	0.23	Light Collector	4.1A	\$11.48	\$2.64
South	Lakeside	SR-67	VIGILANTE	UNKNOWN	State	0.24	Light Collector	4.1A	\$11.48	\$2.76
South	Lakeside	SR-67	UNKNOWN	JOHNSON LAKE	State	0.35	Light Collector	4.1A	\$11.48	\$4.02
South	Lakeside	SR-67	JOHNSON LAKE	POST HILL	State	0.70	Light Collector	4.1A	\$11.48	\$8.04
South	Lakeside	SR-67	POST HILL	ZONE CONNECTOR	State	0.62	Light Collector	4.1A	\$11.48	\$7.12
South	Lakeside	SR-67	ZONE CONNECTOR	UNKNOWN	State	0.40	Light Collector	4.1A	\$11.48	\$4.59
South	Lakeside	SR-67	UNKNOWN	WILLOW	State	0.13	Light Collector	4.1A	\$11.48	\$1.49
South	Lakeside	SR-67	WILLOW	UNKNOWN	State	0.15	New	4.1A	\$22.92	\$3.44
South	Lakeside	SR-67	UNKNOWN	UNKNOWN	State	0.38	Light Collector	4.1A	\$11.48	\$4.36
South	Lakeside	UNNAMED LKS	EL NOPAL	MAST	Local	0.24	New	2.2E	\$12.89	\$3.09
South	Lakeside	WILLOW NEW	WILLOW	LAKESIDE	RAS	0.32	New	2.2E	\$12.89	\$4.12
South	Lakeside	WOODSIDE	SECURITY	RAMP SR-67 NB	Regional	0.03	Light Collector	4.2A	\$11.03	\$0.33
South	Lakeside	WOODSIDE	RAMP SR-67 NB	RIVERFORD	Regional	0.06	Light Collector	4.2A	\$11.03	\$0.66
South	Lakeside	WOODSIDE	RIVERFORD	RAMP SR-67 NB	Regional	0.06	Light Collector	4.2A	\$11.03	\$0.91
South	Lakeside	WOODSIDE	RAMP SR-67 NB	UNKNOWN	Regional	0.19	Light Collector	4.2A	\$11.03	\$2.87
South	Lakeside	WOODSIDE	UNKNOWN	MARILLA	Regional	0.11	Light Collector	2.1A	\$4.08	\$0.45
South	Otay	AIRWAY	FARADAY	ENRICO FERMI	Regional	0.24	Light Collector	4.1A	\$11.48	\$2.76
South	Otay	AIRWAY	ENRICO FERMI	UNKNOWN	Regional	0.26	New	4.1A	\$22.92	\$5.96
South	Otay	AIRWAY	UNKNOWN	ALTA	Regional	0.25	New	4.1A	\$22.92	\$5.73
South	Otay	AIRWAY	ALTA	LOOP	Regional	0.35	New	4.1A	\$22.92	\$8.02
South	Otay	ALTA	LONE STAR	OTAY MESA	Regional	0.29	Light Collector	4.1A	\$11.48	\$3.33
South	Otay	ALTA	OTAY MESA	ZONE CONNECTOR	Regional	0.15	New	4.1A	\$22.92	\$3.44
South	Otay	ALTA	ZONE CONNECTOR	ZONE CONNECTOR	Regional	0.22	New	4.1A	\$22.92	\$5.04
South	Otay	ALTA	ZONE CONNECTOR	AIRWAY	Regional	0.13	New	4.1A	\$22.92	\$2.98
South	Otay	ALTA	AIRWAY	UNKNOWN	Regional	0.10	New	4.1A	\$22.92	\$2.29
South	Otay	ALTA	UNKNOWN	SIEMPRE VIVA	Regional	0.13	New	4.1A	\$22.92	\$2.98
South	Otay	ENRICO FERMI	OTAY MESA	LONE STAR	Regional	0.30	Light Collector	4.1A	\$11.48	\$3.44
South	Otay	ENRICO FERMI	OTAY MESA	ZONE CONNECTOR	Regional	0.10	Town Collector	4.1A	\$8.06	\$0.81
South	Otay	ENRICO FERMI	ZONE CONNECTOR	RAMP SR-11 WB	Regional	0.10	Town Collector	4.1A	\$8.06	\$0.81
South	Otay	ENRICO FERMI	RAMP SR-11 WB	RAMP SR-11 EB	Regional	0.09	Town Collector	4.1A	\$8.06	\$0.73

Appendix B - Non-TIF Improvements

Sub-Region	CPA	Roadway	To	From	Facility Type	Length (Miles)	Existing Cross-Section	Non-TIF Required Classification	Non-TIF Improvement Unit Cost (Millions)	Non-TIF Improvement Total Cost (Millions)
South	Otay	ENRICO FERMI	RAMP SR-11 EB	ZONE CONNECTOR	Regional	0.09	Town Collector	4.1A	\$8.06	\$0.73
South	Otay	ENRICO FERMI	ZONE CONNECTOR	AIRWAY	Regional	0.12	Town Collector	4.1A	\$8.06	\$0.97
South	Otay	ENRICO FERMI	AIRWAY	SIEMPRE VIVA	Regional	0.23	Town Collector	4.1A	\$8.06	\$1.85
South	Otay	LA MEDIA	ZONE CONNECTOR	LONESTAR	Regional	0.32	New	6.2	\$31.52	\$10.09
South	Otay	LONE STAR	PASEO DE LAS AMERICA	FARADAY	RAS	0.20	New	4.1A	\$22.92	\$4.58
South	Otay	LONE STAR	FARADAY	ENRICO FERMI	RAS	0.25	New	4.1A	\$22.92	\$5.73
South	Otay	LONE STAR	ENRICO FERMI	ZONE CONNECTOR	RAS	0.24	New	4.1A	\$22.92	\$5.50
South	Otay	LONE STAR	ZONE CONNECTOR	ALTA	RAS	0.27	New	4.1A	\$22.92	\$6.19
South	Otay	LONESTAR	PIPER RANCH	NEW HARVEST	RAS	0.10	New	6.2	\$31.52	\$3.15
South	Otay	LONESTAR	NEW HARVEST	NATIONAL UNIVERSITY	RAS	0.10	New	4.1A	\$22.92	\$2.29
South	Otay	LONESTAR	NATIONAL UNIVERSITY	HARVEST	RAS	0.09	New	4.1A	\$22.92	\$2.06
South	Otay	LONESTAR	HARVEST	HARVEST	RAS	0.09	New	4.1A	\$22.92	\$2.06
South	Otay	LONESTAR	HARVEST	SANYO	RAS	0.40	New	4.1A	\$22.92	\$9.17
South	Otay	LONESTAR	SANYO	PASEO DE LAS AMERICA	RAS	0.27	New	4.1A	\$22.92	\$6.19
South	Otay	LOOP	ALTA	ZONE CONNECTOR	Regional	0.20	Town Collector	4.1A	\$8.06	\$1.61
South	Otay	LOOP	ZONE CONNECTOR	OTAY MESA	Regional	0.26	Town Collector	4.1A	\$8.06	\$2.09
South	Otay	LOOP	SIEMPRE VIVA	ZONE CONNECTOR	Regional	0.18	New	4.1A	\$22.92	\$4.13
South	Otay	LOOP	ZONE CONNECTOR	AIRWAY	Regional	0.16	New	4.1A	\$22.92	\$3.67
South	Otay	LOOP	AIRWAY	RAMP SR-11 EB	Regional	0.08	New	4.1A	\$22.92	\$1.83
South	Otay	LOOP	RAMP SR-11 EB	RAMP SR-11 WB	Regional	0.09	New	4.1A	\$22.92	\$2.06
South	Otay	LOOP	RAMP SR-11 WB	ZONE CONNECTOR	Regional	0.09	New	4.1A	\$22.92	\$2.06
South	Otay	LOOP	OTAY MESA	ZONE CONNECTOR	Regional	0.47	New	4.1A	\$22.92	\$10.77
South	Otay	NEW HARVEST	LONESTAR	UNKNOWN	Regional	0.13	New	4.1A	\$22.92	\$2.98
South	Otay	NEW HARVEST	UNKNOWN	UNNAMED	Regional	0.09	New	4.1A	\$22.92	\$2.06
South	Otay	NEW HARVEST	UNNAMED	UNKNOWN	Regional	0.20	New	4.1A	\$22.92	\$4.58
South	Otay	NEW HARVEST	UNKNOWN	HARVEST	Regional	0.12	New	4.1A	\$22.92	\$2.75
South	Otay	NEW HARVEST	HARVEST	UNNAMED	Regional	0.13	New	4.1A	\$22.92	\$2.98
South	Otay	NEW HARVEST	UNNAMED	HARVEST	Regional	0.20	New	4.1A	\$22.92	\$4.58
South	Otay	OTAY MESA	SANYO	PASEO DE LAS AMERICA	RAS	0.06	Light Collector	6.2	\$24.18	\$1.45
South	Otay	OTAY MESA	PASEO DE LAS AMERICA	FARADAY	RAS	0.20	Light Collector	6.2	\$24.18	\$4.84
South	Otay	OTAY MESA	FARADAY	ENRICO FERMI	RAS	0.23	Light Collector	6.2	\$24.18	\$5.56
South	Otay	OTAY MESA	ENRICO FERMI	BONITA VISTA HIGH	RAS	0.27	Light Collector	4.1A	\$11.48	\$3.10
South	Otay	OTAY MESA	BONITA VISTA HIGH	ALTA	RAS	0.24	Light Collector	4.1A	\$11.48	\$2.76
South	Otay	OTAY MESA	ALTA	LOOP	RAS	0.27	New	4.1A	\$22.92	\$6.19
South	Otay	SIEMPRE VIVA	ENRICO FERMI	BASE STABLES	RAS	0.28	New	4.1A	\$22.92	\$6.42
South	Otay	SIEMPRE VIVA	BASE STABLES	LOOP	RAS	0.23	New	4.1A	\$22.92	\$5.27
South	Spring Valley	JAMACHA BOULEVARD	ZONE CONNECTOR	PARADISE VALLEY	RAS	0.14	Collector	4.1A	\$4.72	\$0.66
South	Spring Valley	JAMACHA BOULEVARD	THAYER	ZONE CONNECTOR	RAS	0.17	Collector	4.1A	\$4.72	\$0.80
South	Spring Valley	JAMACHA BOULEVARD	KEMPTON	THAYER	RAS	0.15	Collector	4.1A	\$4.72	\$0.71
South	Spring Valley	JAMACHA BOULEVARD	SACRAMENTO	KEMPTON	RAS	0.18	Collector	4.1A	\$4.72	\$0.85
South	Spring Valley	JAMACHA BOULEVARD	GRAND	SACRAMENTO	RAS	0.07	Collector	4.1A	\$4.72	\$0.33

Appendix B - Non-TIF Improvements

Sub-Region	CPA	Roadway	To	From	Facility Type	Length (Miles)	Existing Cross-Section	Non-TIF Improvement Classification	Non-TIF Improvement Unit Cost (Millions)	Non-TIF Improvement Total Cost (Millions)
South	Spring Valley	JAMACHA BOULEVARD	RAMONA	GRAND	RAS	0.15	Collector	4.1A	\$4.72	\$0.71
South	Spring Valley	JAMACHA BOULEVARD	LA PRESA	RAMONA	RAS	0.10	Collector	4.1A	\$4.72	\$0.47
South	Spring Valley	JAMACHA BOULEVARD	SAN JUAN	LA PRESA	RAS	0.14	Town Collector	4.1B	\$3.74	\$0.52
South	Spring Valley	JAMACHA BOULEVARD	SAN MIGUEL	SAN JUAN	RAS	0.05	Town Collector	4.1B	\$3.74	\$0.19
South	Spring Valley	JAMACHA BOULEVARD	SAN DIEGO	SAN MIGUEL	RAS	0.17	Town Collector	4.1B	\$3.74	\$0.64
South	Spring Valley	JAMACHA BOULEVARD	OMEGA	SAN DIEGO	RAS	0.15	Town Collector	4.1B	\$3.74	\$0.56
South	Spring Valley	JAMACHA BOULEVARD	MAYA	OMEGA	RAS	0.39	Town Collector	4.1B	\$3.74	\$1.46
South	Spring Valley	JAMACHA BOULEVARD	WHITESTONE	MAYA	RAS	0.30	Town Collector	4.1B	\$3.74	\$1.12
South	Spring Valley	JAMACHA BOULEVARD	SPRING GLEN	WHITESTONE	RAS	0.32	Town Collector	4.1B	\$3.74	\$1.20
South	Spring Valley	JAMACHA BOULEVARD	JAMACHA	SPRING GLEN	RAS	0.09	Town Collector	4.1B	\$3.74	\$0.34
South	Spring Valley	JAMACHA BOULEVARD	RAMP	JAMACHA	RAS	0.13	Town Collector	4.1A	\$8.06	\$1.05
South	Spring Valley	JAMACHA BOULEVARD	SWEETWATER SPRINGS	RAMP	RAS	0.26	Town Collector	4.1A	\$8.06	\$2.09
South	Spring Valley	SWEETWATER SPRINGS	RAMP	JAMACHA BOULEVARD	RAS	0.08	Collector	4.1A	\$4.72	\$0.38
South	Sweetwater	BONITA	CENTRAL	CHRISTIAN CENTER	RAS	0.23	Light Collector	4.1B	\$7.10	\$1.63
South	Sweetwater	BONITA	CHRISTIAN CENTER	UNKNOWN	RAS	0.19	Light Collector	4.1B	\$7.10	\$1.35
South	Sweetwater	BONITA	UNKNOWN	VILLAS	RAS	0.12	Light Collector	4.1B	\$7.10	\$0.85
South	Valle De Oro	CAMPO	BANCROFT	CAMINO PAZ	RAS	0.12	Light Collector	4.1B	\$7.10	\$0.85
South	Valle De Oro	CAMPO	NORTH BARCELONA	SOUTH CORDOBA	RAS	0.09	Light Collector	4.2B	\$7.17	\$0.64
South	Valle De Oro	CAMPO	SOUTH CORDOBA	GRANADA	RAS	0.08	Light Collector	4.2B	\$7.17	\$0.57
South	Valle De Oro	CAMPO	SR-94 EB	VIA MERCADO	State	0.22	Major	6.1	\$15.97	\$3.51
South	Valle De Oro	CAMPO	VIA MERCADO	ZONE CONNECTOR	State	0.28	Major	6.1	\$15.97	\$4.47
South	Valle De Oro	CAMPO	ZONE CONNECTOR	RAMP	State	0.18	Major	6.1	\$15.97	\$2.87
South	Valle De Oro	CAMPO	RAMP	SR 54	State	0.06	Major	6.1	\$15.97	\$0.96
South	Valle De Oro	CAMPO	SR 54	JAMACHA BOULEVARD	State	0.03	Major	6.1	\$15.97	\$0.48
South	Valle De Oro	CAMPO	JAMACHA BOULEVARD	RAMP SR-94 EB	State	0.10	Major	6.1	\$15.97	\$1.60
South	Valle De Oro	CAMPO	RAMP SR-94 EB	RAMP	State	0.28	Major	6.1	\$15.97	\$4.47
South	Valle De Oro	CAMPO	RAMP	UNKNOWN	State	0.04	Major	6.1	\$15.97	\$0.64
South	Valle De Oro	CAMPO	UNKNOWN	JAMACHA ROAD	State	0.12	Major	6.1	\$15.97	\$1.92
South	Valle De Oro	CAMPO	UNKNOWN	RAMP	State	0.06	New	4.1A	\$22.92	\$1.38
South	Valle De Oro	CAMPO	UNKNOWN	SR-94	State	0.20	Light Collector	4.1A	\$11.48	\$2.30
South	Valle De Oro	CAMPO	SR-94	MILLAR RANCH	State	0.11	Light Collector	4.1A	\$11.48	\$1.26
South	Valle De Oro	CAMPO	MILLAR RANCH	UNKNOWN	State	0.35	Light Collector	4.1A	\$11.48	\$4.02
South	Valle De Oro	CAMPO	UNKNOWN	ZONE CONNECTOR	State	0.39	Town Collector	4.1A	\$8.06	\$3.14
South	Valle De Oro	CAMPO	ZONE CONNECTOR	SR-94	State	0.06	Town Collector	4.1A	\$8.06	\$0.48
South	Valle De Oro	CHASE	RANCHO VALLE	GROVE	Regional	0.28	Light Collector	4.1B	\$7.10	\$3.13
South	Valle De Oro	CHASE	GROVE	BERNITA	Regional	0.11	Light Collector	2.1A	\$4.08	\$0.45
South	Valle De Oro	CHASE	BERNITA	UNKNOWN	Regional	0.25	Light Collector	4.1B	\$7.10	\$2.80
South	Valle De Oro	CHASE	MONUMENT HILL	MONUMENT HILL	Regional	0.35	Light Collector	4.1B	\$7.10	\$3.91
South	Valle De Oro	CHASE	MONUMENT HILL	FUERTE	Regional	0.07	Light Collector	2.1A	\$4.08	\$0.29
South	Valle De Oro	CHASE	FUERTE	SR 54	Regional	0.15	Light Collector	4.1B	\$7.10	\$1.06
South	Valle De Oro	CHASE	SR 54	JAMACHA ROAD	Regional	0.11	Light Collector	4.1B	\$7.10	\$0.78

Appendix B - Non-TIF Improvements

Sub-Region	CPA	Roadway	To	From	Facility Type	Length (Miles)	Existing Cross-Section	Non-TIF Required Classification	Non-TIF Improvement Unit Cost (Millions)	Non-TIF Improvement Total Cost (Millions)
South	Valle De Oro	FURY	AVOCADO	UNKNOWN	Regional	0.15	Light Collector	4.1B	\$7.10	\$1.06
South	Valle De Oro	FURY	UNKNOWN	RAPATEE	Regional	0.14	Light Collector	4.1B	\$7.10	\$0.99
South	Valle De Oro	FURY	RAPATEE	CALLE VERDE	Regional	0.08	Light Collector	4.1B	\$7.10	\$0.57
South	Valle De Oro	FURY	CALLE VERDE	SUNDOWN	Regional	0.13	Town Collector	4.1B	\$3.74	\$0.49
South	Valle De Oro	FURY	SUNDOWN	JULIE	Regional	0.25	Town Collector	4.1B	\$3.74	\$0.93
South	Valle De Oro	FURY	JULIE	UNKNOWN	Regional	0.32	Town Collector	4.1B	\$3.74	\$1.20
South	Valle De Oro	FURY	UNKNOWN	SR 54	Regional	0.10	Town Collector	4.1B	\$3.74	\$0.37
South	Valle De Oro	JAMACHA ROAD	HIDDEN MESA	PENASCO	RAS	0.07	Collector	4.1A	\$4.72	\$0.33
South	Valle De Oro	JAMACHA ROAD	SCOTTYS WAY	CALLE ALBARA	RAS	0.18	Collector	6.2	\$12.99	\$2.34
South	Valle De Oro	JAMACHA ROAD	HILTON HEAD	WILLOW GLEN	RAS	0.15	Major	6.2	\$7.75	\$1.16
South	Valle De Oro	JAMACHA ROAD	WILLOW GLEN	UNKNOWN	RAS	0.12	Major	6.2	\$7.75	\$0.93
South	Valle De Oro	JAMACHA ROAD	UNKNOWN	FURY	RAS	0.20	Major	6.2	\$7.75	\$1.55
South	Valle De Oro	JAMACHA ROAD	FURY	CUYAMACA COLLEGE E	RAS	0.14	Major	6.2	\$7.75	\$1.09
South	Valle De Oro	JAMACHA ROAD	CUYAMACA COLLEGE E	UNKNOWN	RAS	0.06	Major	6.2	\$7.75	\$0.47
South	Valle De Oro	JAMACHA ROAD	UNKNOWN	CUYAMACA COLLEGE W	RAS	0.09	Major	6.2	\$7.75	\$0.70
South	Valle De Oro	KENWOOD	RAMP SR-94 EB	RAMP SR-94 WB	Regional	0.03	Light Collector	4.1B	\$7.10	\$0.21
South	Valle De Oro	KENWOOD	RAMP SR-94 WB	CAMPO	Regional	0.10	Light Collector	4.1B	\$7.10	\$0.71
South	Valle De Oro	STEELE CANYON	WILLOW GLEN	Heatherwood	Regional	0.39	Light Collector	4.1B	\$7.10	\$2.77
South	Valle De Oro	WILLOW GLEN	HILLSDALE	UNKNOWN	RAS	0.81	Town Collector	2.1A	\$0.86	\$0.70
South	Valle De Oro	WILLOW GLEN	UNKNOWN	STEELE CANYON	RAS	0.39	Town Collector	2.1A	\$0.86	\$0.34
North	Bonsall	CHAMPAGNE	OLD CASTLE	UNKNOWN	RAS	0.09	Town Collector	2.1A	\$0.86	\$0.08
North	Bonsall	CHAMPAGNE	OLD CASTLE	UNKNOWN	RAS	0.04	Town Collector	2.1A	\$0.86	\$0.03
North	Bonsall	CHAMPAGNE	OLD CASTLE	UNKNOWN	RAS	0.15	Town Collector	4.1B	\$3.74	\$0.56
North	Bonsall	EAST VISTA	ORMSBY/GOPHER CANYON	STRAWBERRY HILL	RAS	0.22	Town Collector	4.1B	\$3.74	\$0.82
North	Bonsall	EAST VISTA	STRAWBERRY HILL	OSBORNE	RAS	0.44	Town Collector	4.1B	\$3.74	\$1.64
North	Bonsall	EAST VISTA	OSBORNE	UNKNOWN	RAS	0.06	Town Collector	4.1B	\$3.74	\$0.22
North	Bonsall	EAST VISTA	UNKNOWN	BARSBY	RAS	0.01	Town Collector	4.1B	\$3.74	\$0.04
North	Bonsall	GOPHER CANYON	ORMSBY	WHISPER TRACE	RAS	0.65	Light Collector	4.1B	\$7.10	\$4.61
North	Bonsall	GOPHER CANYON	WHISPER TRACE	VISTA VALLEY	RAS	0.34	Light Collector	4.1B	\$7.10	\$2.41
North	Bonsall	GOPHER CANYON	VISTA VALLEY	TWIN OAKS VALLEY	RAS	0.78	Light Collector	4.1B	\$7.10	\$5.54
North	Bonsall	GOPHER CANYON	TWIN OAKS VALLEY	DISNEY	RAS	0.04	Light Collector	2.1A	\$4.08	\$0.16
North	Bonsall	GOPHER CANYON	DISNEY	UNKNOWN	RAS	0.79	Light Collector	2.1A	\$4.08	\$3.23
North	Bonsall	GOPHER CANYON	UNKNOWN	RAMP I-15 SB	RAS	0.81	Light Collector	2.1A	\$4.08	\$3.31
North	Bonsall	MELROSE	UNKNOWN	SANTA FE	RAS	0.14	New	4.1A	\$22.92	\$3.21
North	Bonsall	MISSION	TRIPLE CROWN	BLDG 4949	RAS	0.22	Light Collector	4.2B	\$7.17	\$1.58
North	Bonsall	MISSION	BLDG 4949	RIVER VILLAGE MALL	RAS	0.11	Light Collector	4.2B	\$7.17	\$0.79
North	Bonsall	MISSION	EAST VISTA	CRANBERRY	State	0.55	Light Collector	6.2	\$24.18	\$13.30
North	Bonsall	MISSION	HOLLY	EAST VISTA	State	0.40	Light Collector	6.2	\$24.18	\$9.67
North	Bonsall	MISSION	NORTH RIVER	HOLLY	State	0.27	Light Collector	6.2	\$24.18	\$6.53
North	Bonsall	MISSION	UNKNOWN	NORTH RIVER	State	0.52	Light Collector	6.2	\$24.18	\$12.57
North	Bonsall	MISSION	VIA GRENADA	UNKNOWN	State	0.45	Light Collector	6.2	\$24.18	\$10.88

Appendix B - Non-TIF Improvements

Sub-Region	CPA	Roadway	To	From	Facility Type	Length (Miles)	Existing Cross-Section	Non-TIF Improvement Classification	Non-TIF Improvement Unit Cost (Millions)	Non-TIF Improvement Total Cost (Millions)
North	Bonsall	MISSION	VALLEY RANCH	VIA GRENADA	State	0.10	Light Collector	6.2	\$24.18	\$2.42
North	Bonsall	MISSION	OLIVEHILL/CM DEL REY	VALLEY RANCH	State	0.73	Light Collector	6.2	\$24.18	\$17.65
North	Bonsall	MISSION	THOROUGHNBRED	OLIVEHILL/CM DEL REY	State	0.18	Light Collector	6.2	\$24.18	\$4.35
North	Bonsall	NORTH RIVER	EMERALD HILL	MISSION	Regional	0.16	Light Collector	4.1B	\$7.10	\$1.14
North	Bonsall	OLD 395	CAM DEL REY	CIRCLE R	RAS	0.30	Town Collector	4.1B	\$3.74	\$1.12
North	Bonsall	OLD 395	CAM DEL REY	CIRCLE R	RAS	0.06	Town Collector	4.1B	\$3.74	\$0.22
North	Bonsall	OLD 395	CAM DEL REY	CIRCLE R	RAS	0.06	Town Collector	4.1B	\$3.74	\$0.22
North	Bonsall	OLD 395	RAMP I-15 NB	LILAC RIDGE	RAS	0.14	Light Collector	2.1A	\$4.08	\$0.57
North	Bonsall	OLIVE HILL	ZONE CONNECTOR	UNKNOWN	Local	0.28	New	2.2C	\$12.89	\$3.61
North	Bonsall	OLIVE HILL	UNKNOWN	ZONE CONNECTOR	Local	0.30	New	2.2C	\$12.89	\$3.87
North	Bonsall	ORMSBY	GOPHER CANYON	UNKNOWN	Regional	0.28	Light Collector	4.1B	\$7.10	\$1.99
North	Bonsall	ORMSBY	UNKNOWN	FAIRVIEW	Regional	0.51	Light Collector	4.1B	\$7.10	\$3.62
North	Bonsall	ORMSBY	FAIRVIEW	EAST VISTA	Regional	0.41	Light Collector	4.1B	\$7.10	\$2.91
North	Bonsall	OSBORNE	UNKNOWN	BAUTISTA	Local	0.39	Light Collector	2.2A	\$4.33	\$1.69
North	Bonsall	OSBORNE	HUTCHISON	UNKNOWN	Local	0.27	Light Collector	2.2A	\$4.33	\$1.17
North	Bonsall	OSBORNE	AMSTEL	EAST VISTA	Local	0.20	Light Collector	2.2A	\$4.33	\$0.87
North	Bonsall	PALA	THOROUGHNBRED	MISSION	State	0.28	Light Collector	6.2	\$24.18	\$6.77
North	Bonsall	PALA	MISSION	ZONE CONNECTOR	State	0.27	Light Collector	4.1A	\$11.48	\$3.10
North	Bonsall	PALA	ZONE CONNECTOR	RAMONA	State	0.03	Light Collector	4.1A	\$11.48	\$0.34
North	Bonsall	PALA	ZONE CONNECTOR	RAMONA	State	0.03	Light Collector	4.1A	\$11.48	\$0.34
North	Bonsall	PALA	ZONE CONNECTOR	RAMONA	State	0.37	Light Collector	4.1A	\$11.48	\$4.25
North	Bonsall	PALA	RAMONA	CALLE DE LA VUELTA	State	0.04	Light Collector	4.1A	\$11.48	\$0.46
North	Bonsall	PALA	RAMONA	CALLE DE LA VUELTA	State	0.04	Light Collector	4.1A	\$11.48	\$0.46
North	Bonsall	PALA	RAMONA	CALLE DE LA VUELTA	State	0.01	Light Collector	4.1A	\$11.48	\$0.11
North	Bonsall	PALA	CALLE DE LA VUELTA	VIA MONSERATE	State	0.05	Light Collector	4.1A	\$11.48	\$0.57
North	Fallbrook	CANONITA	OLD 395	RAMP I-15 SB	Regional	0.08	Light Collector	4.1B	\$7.10	\$0.57
North	Fallbrook	CARLINA	EL PAISANO	MACADAMIA	RAS	0.02	Town Collector	4.2B	\$3.97	\$0.08
North	Fallbrook	CITRANO LN	PANKEY	PANKEY NEW	State	0.29	New	2.1E	\$12.40	\$3.60
North	Fallbrook	CLEMMENS	RECHE	MORRO	Local	0.12	New	2.2C	\$12.89	\$1.55
North	Fallbrook	FALLBROOK	OLD STAGE	MANDARIN	Local	0.13	Light Collector	2.2B	\$3.98	\$0.52
North	Fallbrook	FALLBROOK	ZONE CONNECTOR	ZONE CONNECTOR	Local	0.40	New	2.2C	\$12.89	\$5.15
North	Fallbrook	FALLBROOK	ZONE CONNECTOR	RECHE	Local	0.25	New	2.2C	\$12.89	\$3.22
North	Fallbrook	KNOTTWOOD/ENCINA	ALTA VISTA	ZONE CONNECTOR	Local	0.65	New	2.2F	\$9.90	\$6.44
North	Fallbrook	KNOTTWOOD/ENCINA	ZONE CONNECTOR	ZONE CONNECTOR	Local	0.70	New	2.2F	\$9.90	\$6.93
North	Fallbrook	KNOTTWOOD/ENCINA	ZONE CONNECTOR	GIRD	Local	0.63	New	2.2F	\$9.90	\$6.24
North	Fallbrook	MISSION	CARLINA	WILLOW GLEN	RAS	0.28	Town Collector	4.2B	\$3.97	\$1.11
North	Fallbrook	MISSION	WILLOW GLEN	LIVE OAK PARK	RAS	0.88	Town Collector	4.2B	\$3.97	\$3.49
North	Fallbrook	MISSION	LIVE OAK PARK	OLD 395	RAS	0.71	Town Collector	4.2B	\$3.97	\$2.82
North	Fallbrook	MISSION	OLD 395	RAMP I-15 SB	RAS	0.06	Light Collector	4.2B	\$7.17	\$0.43
North	Fallbrook	MISSION	RAMP I-15 SB	RAMP I-15 NB	RAS	0.15	Light Collector	4.2B	\$7.17	\$1.07
North	Fallbrook	MISSION	CARLINA	UNKNOWN	RAS	0.04	Town Collector	4.2B	\$3.97	\$0.16

Appendix B - Non-TIF Improvements

Sub-Region	CPA	Roadway	To	From	Facility Type	Length (Miles)	Existing Cross-Section	Non-TIF Required Classification	Non-TIF Improvement Unit Cost (Millions)	Non-TIF Improvement Total Cost (Millions)
North	Fallbrook	MISSION	UNKNOWN	HAMILTON	RAS	0.57	Town Collector	4.2B	\$3.97	\$2.26
North	Fallbrook	MISSION	HAMILTON	DAVIS	RAS	0.70	Town Collector	4.2B	\$3.97	\$2.78
North	Fallbrook	MISSION	DAVIS	STAGE COACH	RAS	0.18	Town Collector	4.2B	\$3.97	\$0.71
North	Fallbrook	MISSION	STAGE COACH	GUM TREE	RAS	0.13	Town Collector	4.2B	\$3.97	\$0.52
North	Fallbrook	MISSION	GUM TREE	INDUSTRIAL	RAS	0.45	Town Collector	4.2B	\$3.97	\$1.78
North	Fallbrook	MISSION	INDUSTRIAL	SANTA MARGARITA	RAS	0.18	Town Collector	4.2B	\$3.97	\$0.71
North	Fallbrook	MISSION	UNKNOWN	OVERLAND	RAS	0.22	Light Collector	4.2B	\$7.17	\$1.58
North	Fallbrook	MISSION	OVERLAND	BIG OAK RANCH	RAS	0.26	Light Collector	4.2B	\$7.17	\$1.86
North	Fallbrook	MISSION	BIG OAK RANCH	GREEN CANYON	RAS	0.45	Light Collector	4.2B	\$7.17	\$3.22
North	Fallbrook	MISSION	GREEN CANYON	VIA ENCINAS	RAS	0.31	Light Collector	4.2B	\$7.17	\$2.22
North	Fallbrook	MISSION	VIA ENCINAS	HELLERS BEND	RAS	0.35	Light Collector	4.2B	\$7.17	\$2.51
North	Fallbrook	MISSION	HELLERS BEND	VIA MONSERATE	RAS	0.74	Light Collector	4.2B	\$7.17	\$5.30
North	Fallbrook	MISSION	VIA MONSERATE	BAJA MISSION	RAS	0.11	Light Collector	4.2B	\$7.17	\$0.79
North	Fallbrook	MISSION	BAJA MISSION	LA CANADA	RAS	0.32	Light Collector	4.2B	\$7.17	\$2.29
North	Fallbrook	MISSION	LA CANADA	TRIPLE CROWN	RAS	0.41	Light Collector	4.2B	\$7.17	\$2.94
North	Fallbrook	MISSION	TRIPLE CROWN	BLDG 4949	RAS	0.17	Light Collector	4.2B	\$7.17	\$1.22
North	Fallbrook	OLD 395	MISSION	RECHE	RAS	1.04	Light Collector	2.1A	\$4.08	\$4.25
North	Fallbrook	OLD 395	RECHE	CANONITA	RAS	0.72	Light Collector	2.1A	\$4.08	\$2.94
North	Fallbrook	OLD 395	TECALOTE	PALA MESA	RAS	1.09	Light Collector	2.1A	\$4.08	\$4.45
North	Fallbrook	OLD 395	PALA MESA	ZONE CONNECTOR	RAS	0.52	Light Collector	4.2B	\$7.17	\$3.73
North	Fallbrook	OLD 395	ZONE CONNECTOR	PUBLIC	RAS	0.30	Light Collector	4.2B	\$7.17	\$2.15
North	Fallbrook	OLD 395	PUBLIC	PALA	RAS	0.12	Light Collector	4.2B	\$7.17	\$0.86
North	Fallbrook	OLIVE HILL	ZONE CONNECTOR	UNKNOWN	Local	0.03	New	2.2C	\$12.89	\$0.39
North	Fallbrook	PALA	RAMONA	CALLE DE LA VUELTA	State	0.06	Light Collector	4.1A	\$11.48	\$0.69
North	Fallbrook	PALA	RAMONA	CALLE DE LA VUELTA	State	0.04	Light Collector	4.1A	\$11.48	\$0.46
North	Fallbrook	PALA	RAMONA	CALLE DE LA VUELTA	State	0.12	Light Collector	4.1A	\$11.48	\$1.38
North	Fallbrook	PALA	RAMONA	CALLE DE LA VUELTA	State	0.02	Light Collector	4.1A	\$11.48	\$0.23
North	Fallbrook	PALA	RAMONA	CALLE DE LA VUELTA	State	0.02	Light Collector	4.1A	\$11.48	\$0.23
North	Fallbrook	PALA	RAMONA	CALLE DE LA VUELTA	State	0.05	Light Collector	4.1A	\$11.48	\$0.57
North	Fallbrook	PALA	CALLE DE LA VUELTA	VIA MONSERATE	State	0.35	Light Collector	4.1A	\$11.48	\$4.02
North	Fallbrook	PALA	CALLE DE LA VUELTA	VIA MONSERATE	State	0.03	Light Collector	4.1A	\$11.48	\$0.34
North	Fallbrook	PALA	VIA MONSERATE	UNKNOWN	State	0.48	Light Collector	4.1A	\$11.48	\$5.51
North	Fallbrook	PALA	UNKNOWN	LIMBER PINE	State	0.07	Light Collector	4.1A	\$11.48	\$0.80
North	Fallbrook	PALA	LIMBER PINE	GIRD	State	0.08	Light Collector	4.1A	\$11.48	\$0.92
North	Fallbrook	PALA	GIRD	UNKNOWN	State	0.95	Light Collector	4.1A	\$11.48	\$10.91
North	Fallbrook	PALA	UNKNOWN	ZONE CONNECTOR	State	0.78	Light Collector	4.1A	\$11.48	\$8.96
North	Fallbrook	PALA	ZONE CONNECTOR	OLD 395	State	0.56	Light Collector	4.1A	\$11.48	\$6.43
North	Fallbrook	PALA	OLD 395	RAMP I-15 SB	State	0.15	Light Collector	4.1A	\$11.48	\$1.72
North	Fallbrook	PALA	PALA-NEW	RICE CANYON	State	0.67	Light Collector	4.1B	\$7.10	\$4.75
North	Fallbrook	PALA	RICE CANYON	COUSER CANYON	State	0.12	Light Collector	4.1B	\$7.10	\$0.85
North	Fallbrook	PALA MESA	UNKNOWN	UNKNOWN	Local	0.65	New	2.2F	\$9.90	\$6.44

Appendix B - Non-TIF Improvements

Sub-Region	CPA	Roadway	To	From	Facility Type	Length (Miles)	Existing Cross-Section	Non-TIF Required Classification	Non-TIF Improvement Unit Cost (Millions)	Non-TIF Improvement Total Cost (Millions)
North	Fallbrook	PALA MESA	UNKNOWN	WILT	Local	0.34	New	2.2F	\$9.90	\$3.37
North	Fallbrook	PALA MESA	OLD 395	PANKEY	Local	0.21	New	2.1A	\$14.11	\$2.96
North	Fallbrook	PALA-NEW	PANKEY NEW	PALA	State	0.50	Light Collector	4.1B	\$7.10	\$3.55
North	Fallbrook	PANKEY	PALA MESA	CITRANO LN	Local	0.33	New	2.1A	\$14.11	\$4.66
North	Fallbrook	PANKEY	CITRANO LN	PALA	Local	0.15	Light Collector	2.1A	\$4.08	\$0.61
North	Fallbrook	PANKEY NEW	PANKEY	ZONE CONNECTOR	Regional	0.49	New	2.2E	\$12.89	\$6.31
North	Fallbrook	PANKEY NEW	ZONE CONNECTOR	3P WAY	Regional	0.32	New	2.2E	\$12.89	\$4.12
North	Fallbrook	PANKEY NEW	3P WAY	ZONE CONNECTOR	Regional	0.32	New	4.2A	\$21.06	\$6.74
North	Fallbrook	PANKEY NEW	ZONE CONNECTOR	CITRANO LN	Regional	0.19	New	4.2A	\$21.06	\$4.00
North	Fallbrook	PANKEY NEW	CITRANO LN	PALA	Regional	0.17	New	2.2E	\$12.89	\$2.19
North	Fallbrook	PEPPER TREE	MISSION	ZONE CONNECTOR	Local	0.11	New	2.2E	\$12.89	\$1.42
North	Fallbrook	PEPPER TREE	ZONE CONNECTOR	UNKNOWN	Local	0.39	New	2.2E	\$12.89	\$5.03
North	Fallbrook	PEPPER TREE	UNKNOWN	MC DONALD	Local	0.25	New	2.2E	\$12.89	\$3.22
North	Fallbrook	PEPPER TREE	CALAVO	STAGE COACH	Local	0.25	New	2.2E	\$12.89	\$3.22
North	Fallbrook	RECHE	PALOMINO	CLEMMENS	Local	0.33	New	2.2C	\$12.89	\$4.25
North	Fallbrook	RECHE	MORRO	MC DONALD	Local	0.25	New	2.2C	\$12.89	\$3.22
North	Fallbrook	RECHE	MC DONALD	CALAVO	Local	0.25	New	2.2C	\$12.89	\$3.22
North	Fallbrook	RECHE	CALAVO	PALOMINO	Local	0.12	New	2.2C	\$12.89	\$1.55
North	Fallbrook	RECHE	STAGE COACH	CALMIN	Local	0.25	Light Collector	2.2B	\$3.98	\$1.00
North	Fallbrook	RECHE	UNKNOWN	FALLBROOK	Local	0.12	Light Collector	2.2B	\$3.98	\$0.48
North	Fallbrook	STAGE COACH	MISSION	GUM TREE	Local	0.07	Light Collector	2.2B	\$3.98	\$0.28
North	Fallbrook	STAGE COACH	GUM TREE	ZONE CONNECTOR	Local	0.17	Light Collector	2.2B	\$3.98	\$0.68
North	Fallbrook	STAGE COACH	ALVARADO	FALLBROOK	Local	0.38	Light Collector	2.2B	\$3.98	\$1.51
North	Fallbrook	STAGE COACH	FALLBROOK	ZONE CONNECTOR	Local	0.25	Light Collector	2.2B	\$3.98	\$1.00
North	Fallbrook	STAGE COACH	ZONE CONNECTOR	RECHE	Local	0.25	Light Collector	2.2B	\$3.98	\$1.00
North	Fallbrook	STEWART CANYON	UNKNOWN	PANKEY	Regional	0.65	Light Collector	4.2A	\$11.03	\$7.17
North	North County Metro	AVNDA DEL DIABLO	ZONE CONNECTOR	COUNTRY CLUB	Local	0.13	New	2.1C	\$12.40	\$1.61
North	North County Metro	AVNDA DEL DIABLO	HARMONY GROVE	ZONE CONNECTOR	Local	0.14	New	2.1C	\$12.40	\$1.74
North	North County Metro	AVNDA DEL DIABLO	CITRACADO	HARMONY GROVE	Local	0.25	New	2.1C	\$12.40	\$3.10
North	North County Metro	BEAR VALLEY	BOYLE	BIRCH	RAS	0.26	Light Collector	4.1B	\$7.10	\$1.85
North	North County Metro	BEAR VALLEY	BIRCH	IDAHO	RAS	0.15	Light Collector	4.1B	\$7.10	\$1.06
North	North County Metro	BEAR VALLEY	IDAHO	LANDAVO	RAS	0.11	Light Collector	4.1B	\$7.10	\$0.78
North	North County Metro	BEAR VALLEY	LANDAVO	SUBURBAN HILLS	RAS	0.14	Light Collector	4.1B	\$7.10	\$0.99
North	North County Metro	BEAR VALLEY	SUBURBAN HILLS	SAN PASQUAL VALLEY	RAS	0.21	Light Collector	4.1B	\$7.10	\$1.49
North	North County Metro	BEAR VALLEY	SAN PASQUAL VALLEY	ELDORADO	RAS	0.42	Light Collector	4.1A	\$11.48	\$4.82
North	North County Metro	BEAR VALLEY	ELDORADO	ENCINO	RAS	0.21	Light Collector	4.1B	\$7.10	\$1.49
North	North County Metro	BEAR VALLEY	SUNSET	OLD SPANISH	RAS	0.09	Light Collector	4.1B	\$7.10	\$0.64
North	North County Metro	BEAR VALLEY	SUNSET	OLD SPANISH	RAS	0.03	Light Collector	4.1B	\$7.10	\$0.21
North	North County Metro	BEAR VALLEY	SUNSET	OLD SPANISH	RAS	0.06	Light Collector	4.1B	\$7.10	\$0.43
North	North County Metro	BUENA CREEK	SYCAMORE	SYCAMORE	RAS	0.02	Light Collector	4.1B	\$7.10	\$0.14
North	North County Metro	BUENA CREEK	SYCAMORE	HARTWRIGHT	RAS	0.03	Light Collector	4.1B	\$7.10	\$0.21

Appendix B - Non-TIF Improvements

Sub-Region	CPA	Roadway	To	From	Facility Type	Length (Miles)	Existing Cross-Section	Non-TIF Required Classification	Non-TIF Improvement Unit Cost (Millions)	Non-TIF Improvement Total Cost (Millions)
North	North County Metro	BUENA CREEK	HARTWRIGHT	ZONE CONNECTOR	RAS	0.70	Light Collector	4.1B	\$7.10	\$4.97
North	North County Metro	BUENA CREEK	ZONE CONNECTOR	LONE OAK	RAS	0.17	Light Collector	4.1B	\$7.10	\$1.21
North	North County Metro	BUENA CREEK	LONE OAK	MONTE VISTA	RAS	0.25	Light Collector	4.1B	\$7.10	\$1.77
North	North County Metro	BUENA CREEK	MONTE VISTA	SUGARBUSH	RAS	0.61	Light Collector	4.1B	\$7.10	\$4.33
North	North County Metro	BUENA CREEK	SUGARBUSH	HOLLYBERRY	RAS	0.08	Light Collector	4.1B	\$7.10	\$0.57
North	North County Metro	BUENA CREEK	HOLLYBERRY	FREDAS HILL	RAS	0.28	Light Collector	4.1B	\$7.10	\$1.99
North	North County Metro	BUENA CREEK	FREDAS HILL	LAS POSAS	RAS	0.50	Light Collector	4.1B	\$7.10	\$3.55
North	North County Metro	BUENA CREEK	LAS POSAS	TAMARA	RAS	0.43	Town Collector	4.1B	\$3.74	\$1.61
North	North County Metro	BUENA CREEK	TAMARA	SUNSHINE MTN	RAS	0.38	Town Collector	4.1B	\$3.74	\$1.42
North	North County Metro	BUENA CREEK	SUNSHINE MTN	TWIN OAKS VALLEY	RAS	0.12	Town Collector	4.1B	\$3.74	\$0.45
North	North County Metro	CHAMPAGNE	OLD CASTLE	UNKNOWN	RAS	0.01	Town Collector	2.1A	\$0.86	\$0.01
North	North County Metro	CHAMPAGNE	UNKNOWN	LAWRENCE WELK	RAS	0.67	Town Collector	4.1B	\$3.74	\$2.50
North	North County Metro	CHAMPAGNE	LAWRENCE WELK	UNKNOWN	RAS	0.17	Town Collector	4.1B	\$3.74	\$0.64
North	North County Metro	CHAMPAGNE	UNKNOWN	UNKNOWN	RAS	0.18	Town Collector	4.1B	\$3.74	\$0.67
North	North County Metro	CHAMPAGNE	UNKNOWN	UNKNOWN	RAS	0.54	Town Collector	4.1B	\$3.74	\$2.02
North	North County Metro	CHAMPAGNE	UNKNOWN	MOUNTAIN MEADOW	RAS	1.81	Town Collector	4.1B	\$3.74	\$6.76
North	North County Metro	CITRACADO	KAUANA LOA	AVNDA DEL DIABLO	RAS	0.10	Light Collector	2.1A	\$4.08	\$0.41
North	North County Metro	CITRACADO	SCENIC TL	EUCALYPTUS	RAS	0.25	Light Collector	2.1A	\$4.08	\$1.02
North	North County Metro	CITRACADO	EUCALYPTUS	BERNARDO	RAS	0.26	Light Collector	2.1A	\$4.08	\$1.06
North	North County Metro	CITRACADO	EUCALYPTUS	BERNARDO	RAS	0.24	Light Collector	2.1A	\$4.08	\$0.98
North	North County Metro	CITRACADO	BERNARDO	RAMP I-15 SB	RAS	0.12	Light Collector	4.1B	\$7.10	\$0.85
North	North County Metro	CLOVERDALE	UNKNOWN	ZONE CONNECTOR	Local	0.02	New	2.2E	\$12.89	\$0.26
North	North County Metro	DEER SPRINGS	MULBERRY	MARILYN	RAS	0.17	Light Collector	6.2	\$24.18	\$4.11
North	North County Metro	DEER SPRINGS	MARILYN	UNKNOWN	RAS	0.20	Light Collector	6.2	\$24.18	\$4.84
North	North County Metro	DEER SPRINGS	UNKNOWN	VISTA MERRIAM	RAS	0.17	Light Collector	6.2	\$24.18	\$4.11
North	North County Metro	DEER SPRINGS	VISTA MERRIAM	ZONE CONNECTOR	RAS	0.33	Light Collector	6.2	\$24.18	\$7.98
North	North County Metro	DEER SPRINGS	ZONE CONNECTOR	ZONE CONNECTOR	RAS	0.36	Light Collector	6.2	\$24.18	\$8.70
North	North County Metro	DEER SPRINGS	ZONE CONNECTOR	ZONE CONNECTOR	RAS	0.52	Light Collector	6.2	\$24.18	\$12.57
North	North County Metro	DEER SPRINGS	ZONE CONNECTOR	MESA ROCK	RAS	0.23	Light Collector	6.2	\$24.18	\$5.56
North	North County Metro	DEER SPRINGS	MESA ROCK	RAMP I-15 SB	RAS	0.05	Light Collector	6.2	\$24.18	\$1.21
North	North County Metro	HARMONY GROVE	UNKNOWN	COUNTRY CLUB	Local	0.18	Light Collector	2.2B	\$3.98	\$0.72
North	North County Metro	HARMONY GROVE	AVNDA DEL DIABLO	ZONE CONNECTOR	Local	0.04	Light Collector	2.2B	\$3.98	\$0.16
North	North County Metro	HARMONY GROVE	CITRACADO	AVNDA DEL DIABLO	Local	0.45	Light Collector	2.2B	\$3.98	\$1.79
North	North County Metro	LAS POSAS	BUENA CREEK	LA CIENEGA	RAS	0.46	New	2.2C	\$12.89	\$5.93
North	North County Metro	LAS POSAS	LA CIENEGA	ZONE CONNECTOR	RAS	0.53	New	2.2C	\$12.89	\$6.83
North	North County Metro	MAR VISTA	BUENA VISTA DR	CANNON	RAS	0.28	New	2.2E	\$12.89	\$3.61
North	North County Metro	MONTE VISTA	UNKNOWN	FOOTHILL	Regional	0.32	Light Collector	4.1B	\$7.10	\$2.27
North	North County Metro	MONTE VISTA	FOOTHILL	LA RUEDA	Regional	0.23	Light Collector	4.1B	\$7.10	\$1.63
North	North County Metro	MONTE VISTA	LA RUEDA	BUENA CREEK	Regional	0.32	Light Collector	4.1B	\$7.10	\$2.27
North	North County Metro	MOUNTAIN MEADOW	RAMP I-15 SB	RAMP I-15 NB	RAS	0.15	Light Collector	4.1B	\$7.10	\$1.06
North	North County Metro	MOUNTAIN MEADOW	RAMP I-15 NB	CHAMPAGNE	RAS	0.07	Light Collector	4.1B	\$7.10	\$0.50

Appendix B - Non-TIF Improvements

Sub-Region	CPA	Roadway	To	From	Facility Type	Length (Miles)	Existing Cross-Section	Non-TIF Required Classification	Non-TIF Improvement Unit Cost (Millions)	Non-TIF Improvement Total Cost (Millions)
North	North County Metro	MOUNTAIN MEADOW	LEGEND ROCK	NORTH BROADWAY	RAS	1.28	New	2.1D	\$15.34	\$19.63
North	North County Metro	MOUNTAIN MEADOW	NORTH BROADWAY	ZONE CONNECTOR	RAS	0.58	New	2.1D	\$15.34	\$8.89
North	North County Metro	MOUNTAIN MEADOW	ZONE CONNECTOR	UNKNOWN	RAS	0.15	New	2.1D	\$15.34	\$2.30
North	North County Metro	MTN VIEW	ZONE CONNECTOR	CLOVERDALE	Local	0.49	New	2.2E	\$12.89	\$6.31
North	North County Metro	N CENTRE CITY	CHAMPAGNE	PROTEA GARDENS	RAS	0.20	Light Collector	4.1B	\$7.10	\$1.42
North	North County Metro	N CENTRE CITY	PROTEA GARDENS	JESMOND DENE	RAS	0.37	Light Collector	4.1B	\$7.10	\$2.63
North	North County Metro	N CENTRE CITY	JESMOND DENE	MESA ROCK	RAS	1.26	Light Collector	4.1B	\$7.10	\$8.94
North	North County Metro	N CENTRE CITY	MESA ROCK	IVY DELL	RAS	0.35	Light Collector	4.1B	\$7.10	\$2.48
North	North County Metro	N CENTRE CITY	IVY DELL	CENTRE CITY	RAS	0.26	Light Collector	4.1B	\$7.10	\$1.85
North	North County Metro	NORDAHL	NUTMEG/NORDAHL	ZONE CONNECTOR	RAS	0.17	Light Collector	4.1B	\$7.10	\$1.21
North	North County Metro	NORDAHL	ZONE CONNECTOR	ROCK SPRINGS	RAS	0.28	Light Collector	4.1B	\$7.10	\$1.99
North	North County Metro	NORDAHL	ROCK SPRINGS	KNOB HILL	RAS	0.31	Light Collector	4.1B	\$7.10	\$2.20
North	North County Metro	NORTH BROADWAY	MOUNTAIN MEADOW	REIDY CANYON	Local	0.24	New	2.1D	\$15.34	\$3.68
North	North County Metro	ROCK SPRINGS	ZONE CONNECTOR	BENNETT	Regional	0.01	Light Collector	4.1B	\$7.10	\$0.07
North	North County Metro	ROCK SPRINGS	BENNETT	REES	Regional	0.26	Light Collector	4.1B	\$7.10	\$1.85
North	North County Metro	ROCK SPRINGS	REES	UNNAMED 9F	Regional	0.23	Light Collector	4.1B	\$7.10	\$1.63
North	North County Metro	ROCK SPRINGS	UNNAMED 9F	NORDAHL	Regional	0.20	Light Collector	4.1B	\$7.10	\$1.42
North	North County Metro	ROCK SPRINGS	DEODAR	MONTIEL	Regional	0.08	Light Collector	2.1A	\$4.08	\$0.33
North	North County Metro	ROCK SPRINGS	MONTIEL	SEVEN OAKES	Regional	0.05	Light Collector	2.1A	\$4.08	\$0.20
North	North County Metro	ROCK SPRINGS	SEVEN OAKES	BORDEN	Regional	0.05	Light Collector	2.1A	\$4.08	\$0.20
North	North County Metro	SAN PASQUAL	ZERMATT	VIA RANCHO	Regional	0.17	Town Collector	4.1B	\$3.74	\$0.64
North	North County Metro	SAN PASQUAL	ZERMATT	VIA RANCHO	Regional	0.09	Town Collector	4.1B	\$3.74	\$0.34
North	North County Metro	SAN PASQUAL	ZERMATT	VIA RANCHO	Regional	0.04	Town Collector	4.1B	\$3.74	\$0.15
North	North County Metro	SAN PASQUAL	ZERMATT	VIA RANCHO	Regional	0.03	Town Collector	4.1B	\$3.74	\$0.11
North	North County Metro	SAN PASQUAL	ZERMATT	VIA RANCHO	Regional	0.09	Town Collector	4.1B	\$3.74	\$0.34
North	North County Metro	SAN PASQUAL	ZERMATT	VIA RANCHO	Regional	0.08	Town Collector	4.1B	\$3.74	\$0.30
North	North County Metro	SAN PASQUAL VALLEY	BIRCH/RANRIDO	IDAHO	State	0.42	Light Collector	4.1B	\$7.10	\$2.98
North	North County Metro	SAN PASQUAL VALLEY	IDAHO	17TH	State	0.34	Light Collector	4.1B	\$7.10	\$2.41
North	North County Metro	SAN PASQUAL VALLEY	17TH	BEAR VALLEY	State	0.44	Light Collector	4.1B	\$7.10	\$3.12
North	North County Metro	SAN PASQUAL VALLEY	BEAR VALLEY	CITRUS	State	0.08	Light Collector	4.1A	\$11.48	\$0.92
North	North County Metro	SAN PASQUAL VALLEY	SUMMIT	TEEPEE	State	0.44	Light Collector	4.1A	\$11.48	\$5.05
North	North County Metro	SAN PASQUAL VALLEY	TEEPEE	HIGHGROVE	State	0.10	Town Collector	4.1A	\$8.06	\$0.81
North	North County Metro	SAN PASQUAL VALLEY	HIGHGROVE	OLD SAN PASQUAL	State	0.11	Town Collector	4.1A	\$8.06	\$0.89
North	North County Metro	SMILAX	OLEANDER	MIMOSA	Regional	0.31	New	4.1B	\$20.77	\$6.44
North	North County Metro	SOUTH SANTA FE	MONTGOMERY	ZONE CONNECTOR	RAS	0.45	Light Collector	4.1B	\$7.10	\$3.19
North	North County Metro	SOUTH SANTA FE	ZONE CONNECTOR	YORK	RAS	0.05	Light Collector	4.1B	\$7.10	\$0.35
North	North County Metro	SOUTH SANTA FE	YORK	WOODLAND	RAS	0.06	Light Collector	4.1B	\$7.10	\$0.43
North	North County Metro	SOUTH SANTA FE	WOODLAND	TIBER	RAS	0.09	Light Collector	4.1B	\$7.10	\$0.64
North	North County Metro	SOUTH SANTA FE	TIBER	ROBELINI	RAS	0.18	Light Collector	4.1B	\$7.10	\$1.28
North	North County Metro	SOUTH SANTA FE	ROBELINI	BUENA CREEK	RAS	0.08	Light Collector	4.1B	\$7.10	\$0.57
North	North County Metro	SOUTH SANTA FE	BUENA CREEK	ZONE CONNECTOR	RAS	0.07	Light Collector	4.1B	\$7.10	\$0.50

Appendix B - Non-TIF Improvements

Sub-Region	CPA	Roadway	To	From	Facility Type	Length (Miles)	Existing Cross-Section	Non-TIF Improvement Classification	Non-TIF Improvement Unit Cost (Millions)	Non-TIF Improvement Total Cost (Millions)
North	North County Metro	SOUTH SANTA FE	ZONE CONNECTOR	PALMYRA	RAS	0.11	Light Collector	4.1B	\$7.10	\$0.78
North	North County Metro	SOUTH SANTA FE	PALMYRA	AZALEA	RAS	0.20	Light Collector	4.1B	\$7.10	\$1.42
North	North County Metro	SOUTH SANTA FE	AZALEA	POINSETTIA	RAS	0.14	Light Collector	4.1B	\$7.10	\$0.99
North	North County Metro	SOUTH SANTA FE	POINSETTIA	2430/2503	RAS	0.19	Light Collector	4.1B	\$7.10	\$1.35
North	North County Metro	SOUTH SANTA FE	2430/2503	SMILAX	RAS	0.11	Light Collector	4.1B	\$7.10	\$0.78
North	North County Metro	SYCAMORE	BUENA CREEK	UNKNOWN	RAS	0.11	Light Collector	6.2	\$24.18	\$2.66
North	North County Metro	SYCAMORE	UNKNOWN	ROBELINI	RAS	0.14	Light Collector	6.2	\$24.18	\$3.38
North	North County Metro	SYCAMORE	ROBELINI	LOBELIA	RAS	0.01	Light Collector	6.2	\$24.18	\$0.24
North	North County Metro	VALLEY	CLAUDAN	VIA RANCHO	RAS	0.05	Light Collector	4.1A	\$11.48	\$0.57
North	North County Metro	VIA RANCHO	FELICITA	MONTESANO	RAS	0.13	Light Collector	4.1B	\$7.10	\$0.92
North	North County Metro	VIA RANCHO	OLD PASQUAL	VIENTO VALLE	Regional	0.28	Light Collector	4.1B	\$7.10	\$1.99
North	North County Metro	VIA RANCHO	VIENTO VALLE	SAN PASQUAL	Regional	0.07	Light Collector	4.1B	\$7.10	\$0.50
North	Pala-Pauma	COLE GRADE NEW	SR-76	UNKNOWN	Local	1.09	New	2.3B	\$12.00	\$13.08
North	Pala-Pauma	COLE GRADE NEW	UNKNOWN	SR-76	Local	1.04	New	2.3B	\$12.00	\$12.48
North	Pendleton-De Luz	CHRISTIANITOS	CAMP TALEGA	TENAJA TRUCK	Local	0.17	New	2.2E	\$12.89	\$2.19
North	San Dieguito	EL APAJO	VIA DE LA VALLE	VIA DE SANTA FE	Local	0.33	New	2.1A	\$14.11	\$4.66
North	San Dieguito	EL CAMINO REAL	ZONE CONNECTOR	LADERA SARINA	Local	0.31	New	2.2F	\$9.90	\$3.07
North	San Dieguito	PASEO DELICIAS	EL CAMINO DEL NORTE	DEL DIOS ROUNDABOUT	RAS	0.06	Light Collector	2.2A	\$4.33	\$0.26
North	San Dieguito	PASEO DELICIAS	DEL DIOS ROUNDABOUT	DEL DIOS ROUNDABOUT	RAS	0.44	Light Collector	2.2A	\$4.33	\$1.91
North	San Dieguito	PASEO DELICIAS	DEL DIOS ROUNDABOUT	LAVALLE PLATEADA	RAS	0.49	Light Collector	2.2A	\$4.33	\$2.12
North	San Dieguito	PASEO DELICIAS	LAVALLE PLATEADA	DEL DIOS ROUNDABOUT	RAS	0.06	Light Collector	2.2A	\$4.33	\$0.26
North	San Dieguito	PASEO DELICIAS	DEL DIOS ROUNDABOUT	LA GRANADA	RAS	0.20	Light Collector	2.2A	\$4.33	\$0.87
North	San Dieguito	SAN DIEGUITO	VIA DOS VALLES	EL APAJO	Local	0.74	Light Collector	2.1A	\$4.08	\$3.02
North	San Dieguito	SAN DIEGUITO	ZONE CONNECTOR	VIA DOS VALLES	Local	0.85	Light Collector	2.1A	\$4.08	\$3.47
North	San Dieguito	VIA DE LA VALLE	14906	EL CAMINO REAL	RAS	0.14	Light Collector	2.1B	\$3.70	\$0.52
North	Valley Center	ANTHONY	WEST LILAC	UNKNOWN	Local	0.48	New	2.2C	\$12.89	\$6.19
North	Valley Center	ANTHONY	UNKNOWN	UNKNOWN	Local	1.28	New	2.2C	\$12.89	\$16.50
North	Valley Center	ANTHONY	UNKNOWN	LILAC	Local	0.81	New	2.2C	\$12.89	\$10.44
North	Valley Center	CHAMPAGNE	GOPHER CANYON	OLD CASTLE	RAS	0.16	Light Collector	4.1B	\$7.10	\$1.14
North	Valley Center	CHAMPAGNE	OLD CASTLE	UNKNOWN	RAS	0.03	Town Collector	2.1A	\$0.86	\$0.03
North	Valley Center	CHAMPAGNE	OLD CASTLE	UNKNOWN	RAS	0.05	Town Collector	2.1A	\$0.86	\$0.04
North	Valley Center	CHAMPAGNE	OLD CASTLE	UNKNOWN	RAS	0.05	Town Collector	2.1A	\$0.86	\$0.04
North	Valley Center	CHAMPAGNE	OLD CASTLE	UNKNOWN	RAS	0.04	Town Collector	2.1A	\$0.86	\$0.03
North	Valley Center	CHAMPAGNE	OLD CASTLE	UNKNOWN	RAS	0.07	Town Collector	2.1A	\$0.86	\$0.06
North	Valley Center	CHAMPAGNE	OLD CASTLE	UNKNOWN	RAS	0.01	Town Collector	2.1A	\$0.86	\$0.01
North	Valley Center	CHAMPAGNE	OLD CASTLE	UNKNOWN	RAS	0.09	Town Collector	4.1B	\$3.74	\$0.34
North	Valley Center	CHAMPAGNE	OLD CASTLE	UNKNOWN	RAS	0.02	Town Collector	2.1A	\$0.86	\$0.02
North	Valley Center	CYPRESS	LILAC	ZONE CONNECTOR	Regional	0.39	Light Collector	4.2B	\$7.17	\$2.79
North	Valley Center	CYPRESS	ZONE CONNECTOR	CHARLAN	Regional	0.38	Light Collector	4.2B	\$7.17	\$2.72
North	Valley Center	GLEN	UNKNOWN	ANTHONY	Local	1.42	New	2.2C	\$12.89	\$18.30
North	Valley Center	GLEN	UNKNOWN	UNKNOWN	Local	1.01	New	2.2C	\$12.89	\$13.02

Appendix B - Non-TIF Improvements

Sub-Region	CPA	Roadway	To	From	Facility Type	Length (Miles)	Existing Cross-Section	Non-TIF Required Classification	Non-TIF Improvement Unit Cost (Millions)	Non-TIF Improvement Total Cost (Millions)
North	Valley Center	GLEN	UNKNOWN	UNKNOWN	Local	0.24	New	2.2C	\$12.89	\$3.09
North	Valley Center	GLEN	PAUMA HEIGHTS	UNKNOWN	Local	0.87	New	2.2C	\$12.89	\$11.21
North	Valley Center	LILAC	CYPRESS	VALLEY CENTER	Regional	0.15	Light Collector	4.2B	\$7.17	\$1.07
North	Valley Center	MOUNTAIN MEADOW	ZONE CONNECTOR	UNKNOWN	RAS	0.43	New	2.1D	\$15.34	\$6.59
North	Valley Center	MOUNTAIN MEADOW	UNKNOWN	UNKNOWN	RAS	0.60	New	2.1D	\$15.34	\$9.20
North	Valley Center	MOUNTAIN MEADOW	UNKNOWN	UNKNOWN	RAS	0.06	New	2.1D	\$15.34	\$0.92
North	Valley Center	MOUNTAIN MEADOW	UNKNOWN	UNKNOWN	RAS	0.43	New	2.1D	\$15.34	\$6.59
North	Valley Center	MOUNTAIN MEADOW	UNKNOWN	UNKNOWN	RAS	0.01	New	2.1D	\$15.34	\$0.15
North	Valley Center	MOUNTAIN MEADOW	UNKNOWN	FRACE	RAS	0.28	New	2.1D	\$15.34	\$4.29
North	Valley Center	MOUNTAIN MEADOW	FRACE	ZONE CONNECTOR	RAS	0.72	New	2.1D	\$15.34	\$11.04
North	Valley Center	OLD 395	CAM DEL REY	CIRCLE R	RAS	0.15	Town Collector	4.1B	\$3.74	\$0.56
North	Valley Center	OLD 395	CAM DEL REY	CIRCLE R	RAS	0.08	Town Collector	4.1B	\$3.74	\$0.30
North	Valley Center	OLD 395	CAM DEL REY	CIRCLE R	RAS	0.05	Town Collector	4.1B	\$3.74	\$0.19
North	Valley Center	OLD 395	CAM DEL REY	CIRCLE R	RAS	0.11	Town Collector	4.1B	\$3.74	\$0.41
North	Valley Center	OLD 395	CIRCLE R	GOPHER CANYON	RAS	0.15	Light Collector	4.1B	\$7.10	\$1.06
North	Valley Center	TURTLE ROCK	BALLARENA	COLE GRADE	Local	0.14	New	2.3B	\$12.00	\$1.68
North	Valley Center	VALLEY CENTER	WILHITE	VESPER	RAS	0.33	Light Collector	4.2A	\$11.03	\$3.64
North	Valley Center	VALLEY CENTER	VESPER	COLE GRADE	RAS	0.21	Light Collector	4.2A	\$11.03	\$2.32
North	Valley Center	VILLA SIERRA	UNKNOWN	UNKNOWN	Local	0.97	New	2.3C	\$12.00	\$11.64
North	Valley Center	VILLA SIERRA	UNKNOWN	UNKNOWN	Local	0.30	New	2.3C	\$12.00	\$3.60
North	Valley Center	VILLA SIERRA	UNKNOWN	MACTAN	Local	0.30	New	2.3C	\$12.00	\$3.60
North	Valley Center	WEST LILAC	ZONE CONNECTOR	ZONE CONNECTOR	Local	0.74	New	2.2F	\$9.90	\$7.33
East	Desert	TILTING T	DI GIORGIO	MARKER	Local	0.63	Light Collector	2.2B	\$3.98	\$2.51
East	Desert	TILTING T	MARKER	BORREGO VALLEY	Local	0.62	Light Collector	2.2B	\$3.98	\$2.47
East	Mountain Empire	TECATE	ZONE CONNECTOR	ZONE CONNECTOR	State	0.91	Light Collector	4.1A	\$11.48	\$10.45
East	Mountain Empire	TECATE	ZONE CONNECTOR	ZONE CONNECTOR	State	0.24	Light Collector	4.1A	\$11.48	\$2.76
East	Ramona	ASH	ZONE CONNECTOR	SR-78	Local	1.05	New	2.1E	\$12.40	\$13.02
East	Ramona	ASHLEY	CREELMAN	DYE	Local	0.25	New	2.3B	\$12.00	\$3.00
East	Ramona	BOUNDARY	JULIAN	HUNTER	Local	0.79	New	2.2E	\$12.89	\$10.18
East	Ramona	DYE	UNKNOWN	MUSSEY GRADE	RAS	0.60	New	2.1E	\$12.40	\$7.44
East	Ramona	DYE	RAMONA	WARNOCK	RAS	0.70	New	2.2E	\$12.89	\$9.02
East	Ramona	DYE	SAN VICENTE	UNKNOWN	RAS	0.25	New	2.2E	\$12.89	\$3.22
East	Ramona	DYE	UNKNOWN	ASHLEY	RAS	0.25	New	2.2E	\$12.89	\$3.22
East	Ramona	DYE	ASHLEY	KEYES	RAS	0.66	New	2.2E	\$12.89	\$8.51
East	Ramona	HIGHLAND VALLEY	RAMP SR125 NB	SA 603	Local	1.11	Light Collector	2.2A	\$4.33	\$4.81
East	Ramona	HIGHLAND VALLEY	SA 603	SKY VALLEY	Local	1.23	Light Collector	2.2A	\$4.33	\$5.33
East	Ramona	HIGHLAND VALLEY	SKY VALLEY	ZONE CONNECTOR	Local	0.90	Light Collector	2.2A	\$4.33	\$3.90
East	Ramona	HIGHLAND VALLEY	ZONE CONNECTOR	SR-125 ACCESS	Local	0.22	Light Collector	2.2A	\$4.33	\$0.95
East	Ramona	HIGHLAND VALLEY	SR-125 ACCESS	ARCHIE MOORE	Local	0.76	Light Collector	2.2A	\$4.33	\$3.29
East	Ramona	JULIAN	DYE	MUSSEY GRADE	State	0.46	Town Collector	4.1B	\$3.74	\$1.72
East	Ramona	JULIAN	HIGHLAND VALLEY	DYE	State	0.12	Town Collector	4.1A	\$8.06	\$0.97

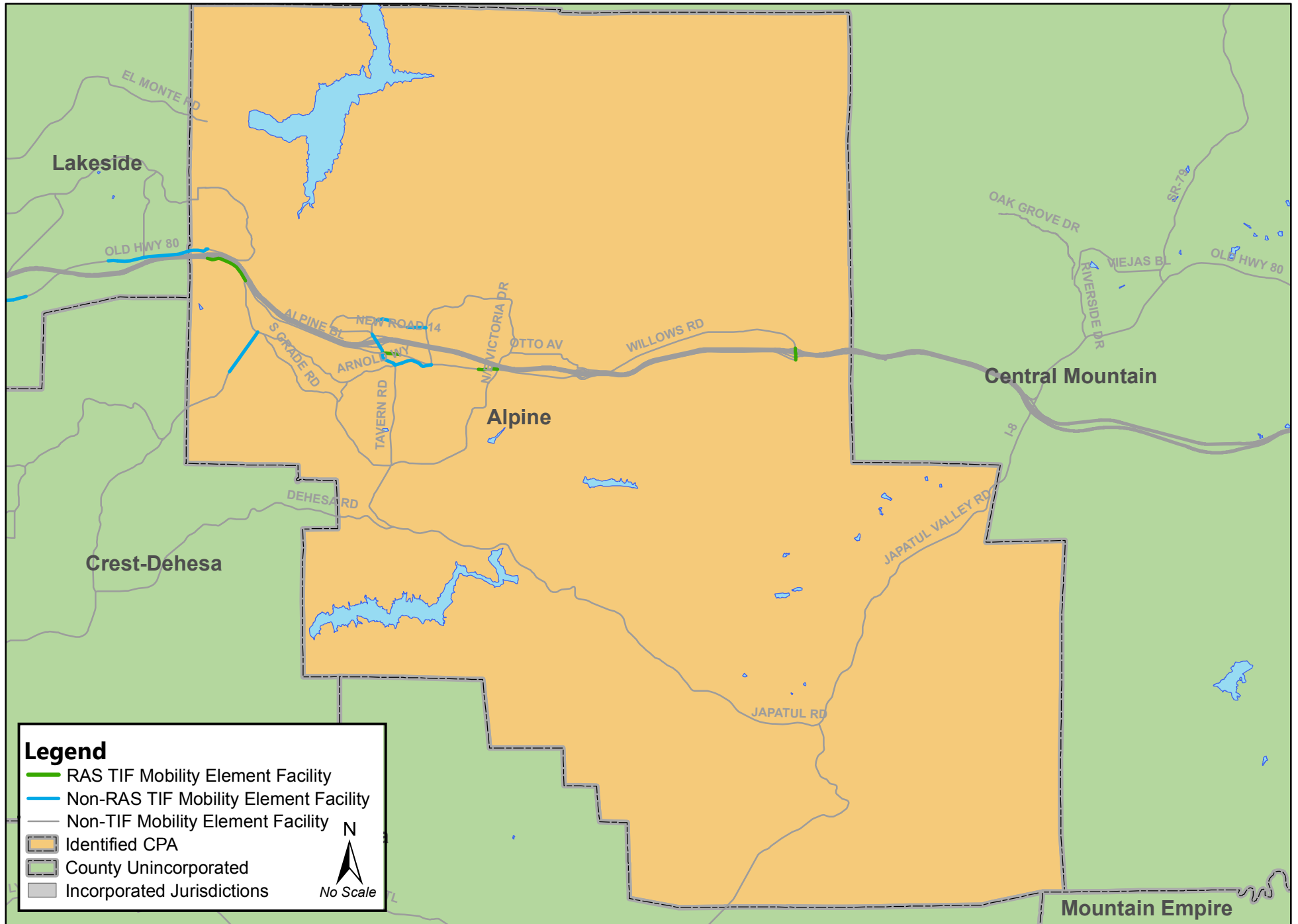
Appendix B - Non-TIF Improvements

Sub-Region	CPA	Roadway	To	From	Facility Type	Length (Miles)	Existing Cross-Section	Non-TIF Required Classification	Non-TIF Improvement Unit Cost (Millions)	Non-TIF Improvement Total Cost (Millions)
East	Ramona	JULIAN	ZONE CONNECTOR	HIGHLAND VALLEY	State	0.49	Town Collector	4.1A	8.057	3.94793
East	Ramona	JULIAN	BOUNDARY	ZONE CONNECTOR	State	0.1	Town Collector	4.1A	8.057	0.8057
East	Ramona	JULIAN	MAIN	BOUNDARY	State	0.47	Town Collector	4.1A	8.057	3.78679
East	Ramona	KEYES	MAGNOLIA	ZONE CONNECTOR	RAS	0.56	New	2.1C	12.397	6.94232
East	Ramona	KEYES	ZONE CONNECTOR	OLD JULIAN	RAS	0.26	New	2.1C	12.397	3.22322
East	Ramona	MAIN	KALBAUGH	ETCHEVERRY	State	0.25	Town Collector	4.1B	3.736	0.934
East	Ramona	SA 330	MONTECITO	ZONE CONNECTOR	Local	0.36	New	2.2E	12.887	4.63932
East	Ramona	SA 330	ZONE CONNECTOR	SAWDAY	Local	0.31	New	2.2E	12.887	3.99497
East	Ramona	SAWDAY	SA 330	JULIAN	Local	0.8	New	2.2E	12.887	10.3096
East	Ramona	SR-67	MUSSEY GRADE	ZONE CONNECTOR	State	0.44	Town Collector	4.1B	3.736	1.64384
East	Ramona	SR-67	ZONE CONNECTOR	AIR MAIL	State	0.6	Town Collector	4.1B	3.736	2.2416
East	Ramona	SR-67	AIR MAIL	UNKNOWN	State	0.58	Light Collector	4.1B	7.097	4.11626
East	Ramona	SR-67	UNKNOWN	ARCHIE MOORE	State	0.69	Light Collector	4.1B	7.097	4.89693

Attachment C

TIF Facility Location Maps



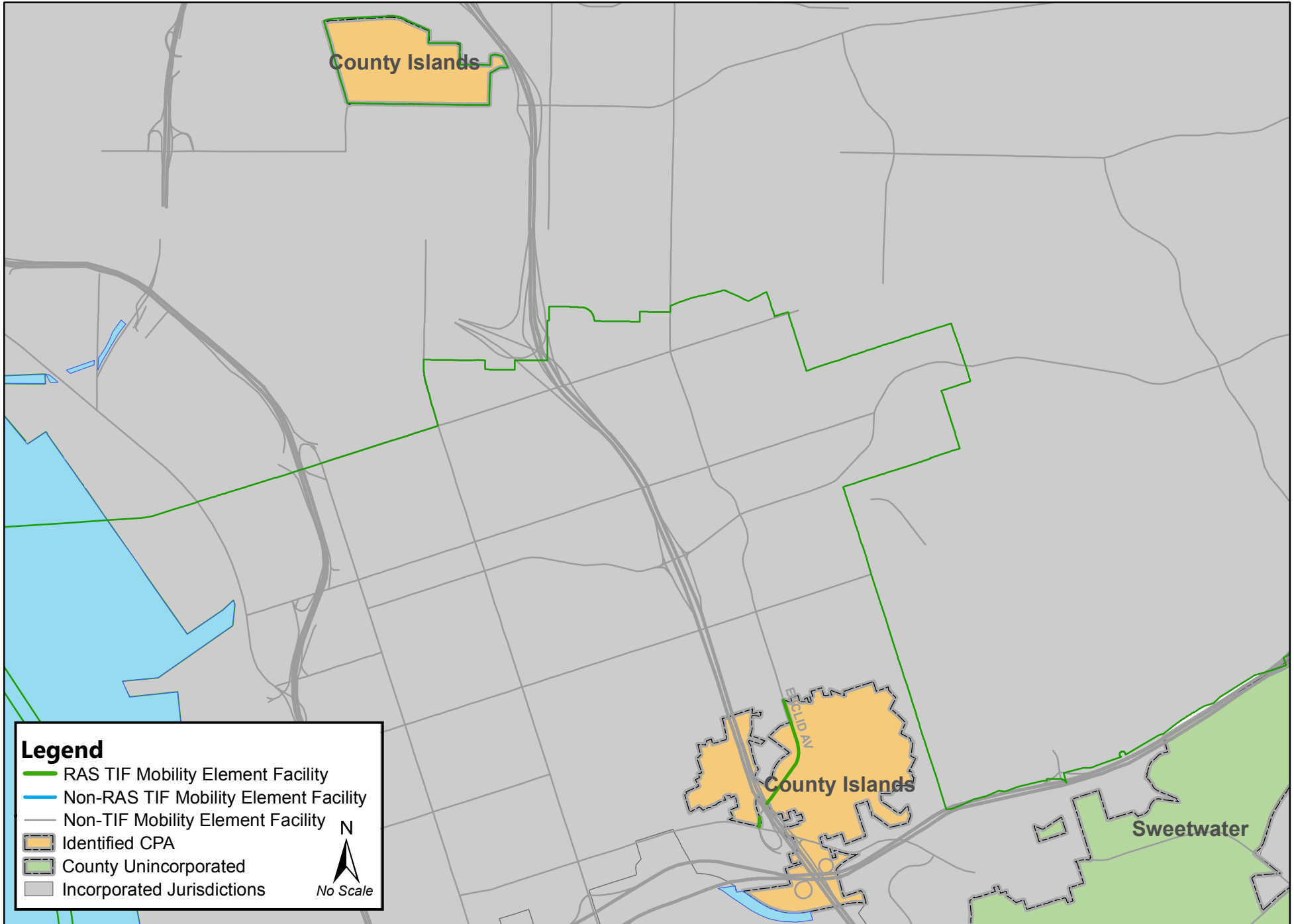


**County of San Diego Transportation Impact Fee (TIF)
Alpine Community**

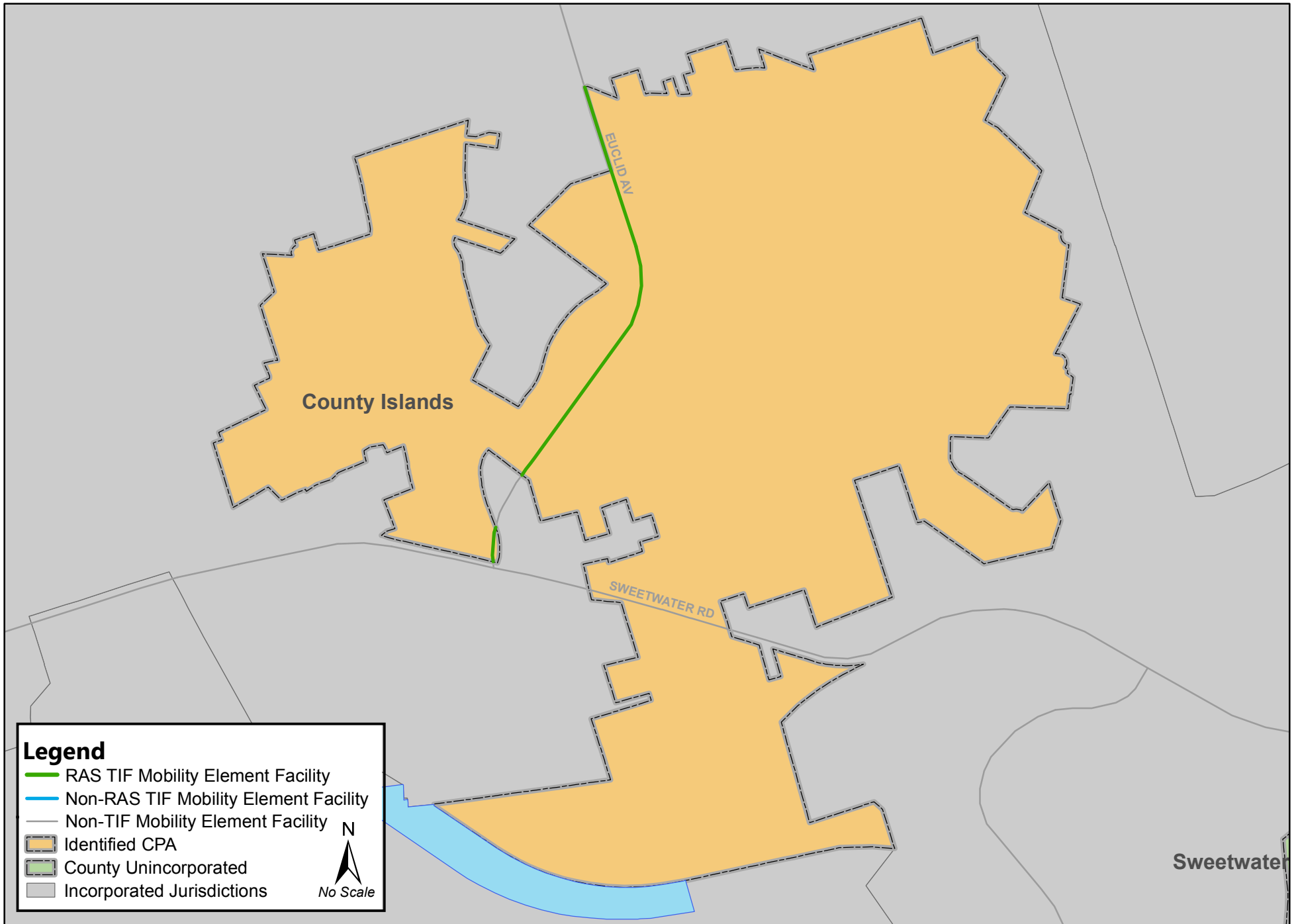
County of San Diego Transportation Impact Fee (TIF)
Bonsall Community



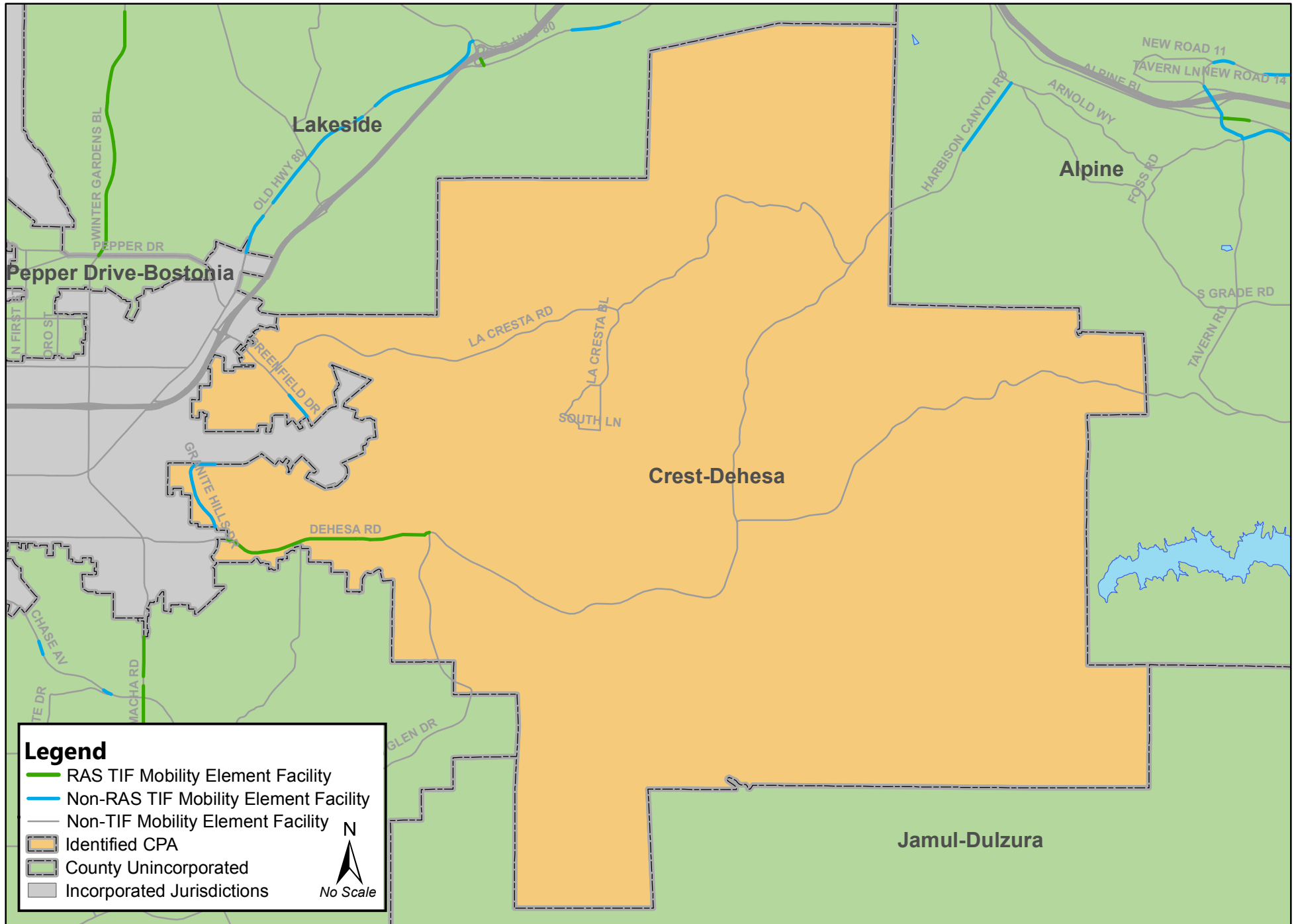
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Central Mountain Community**

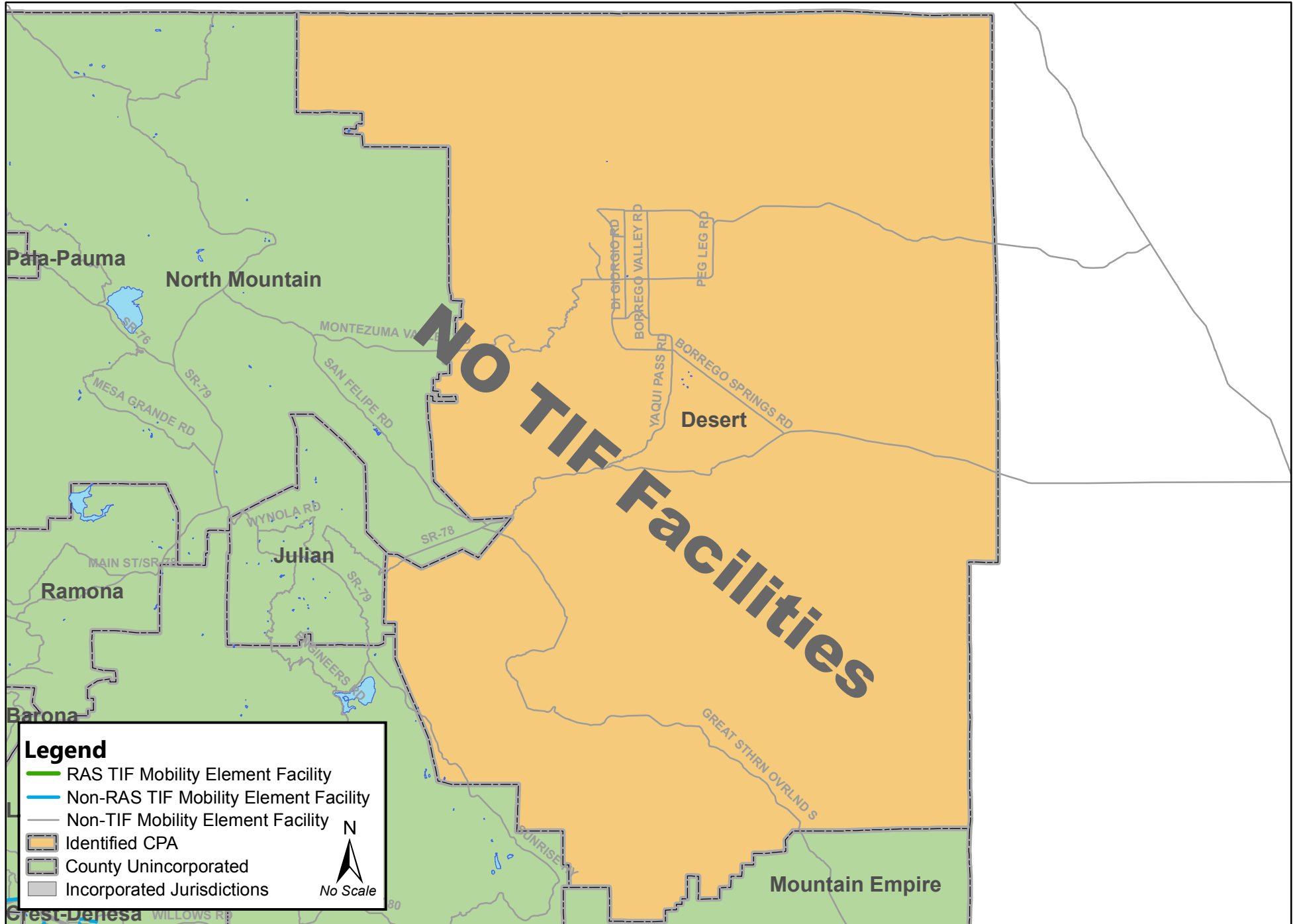


**County of San Diego Transportation Impact Fee (TIF)
County Islands Community**

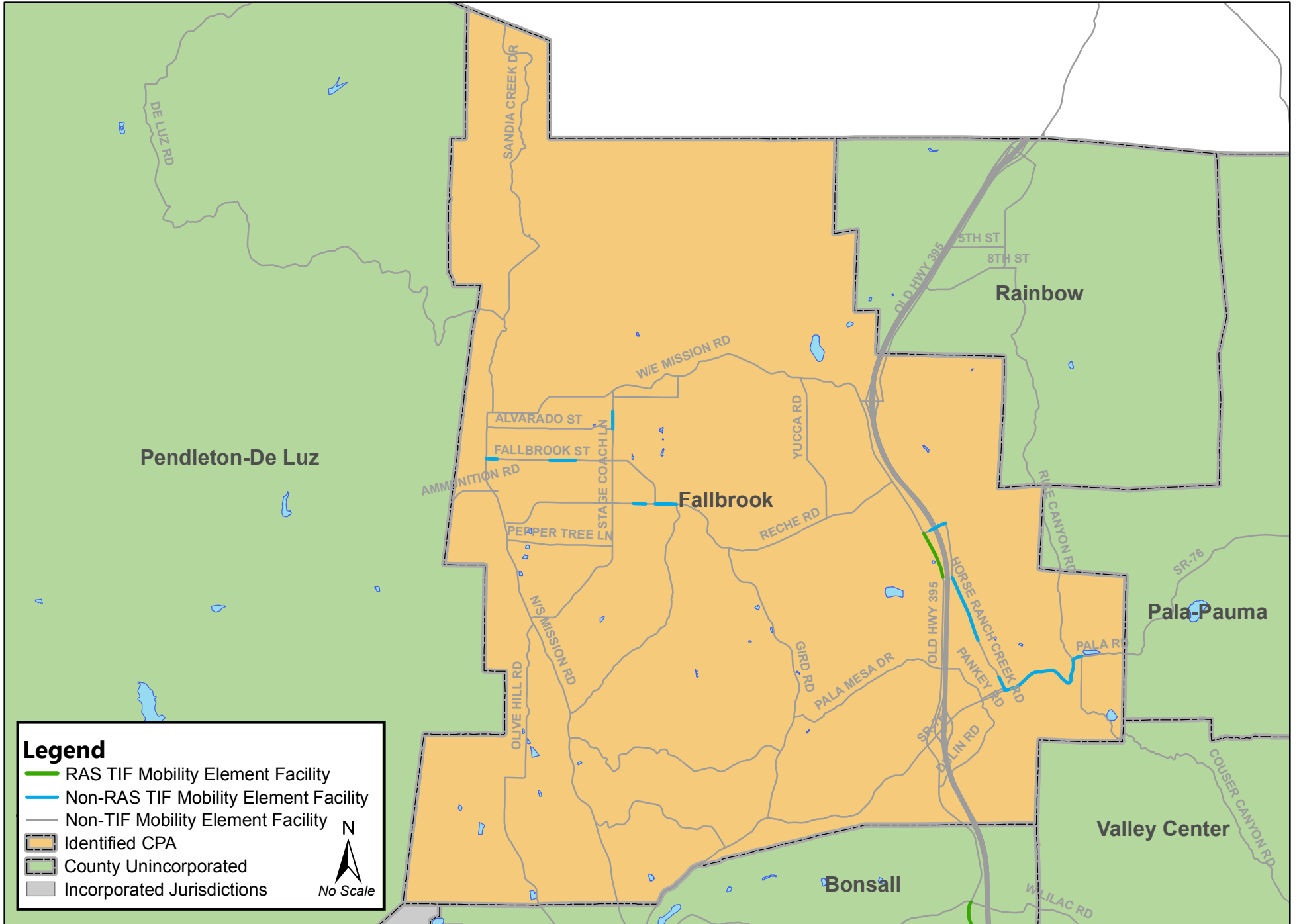


**County of San Diego Transportation Impact Fee (TIF)
County Islands (South) Community**

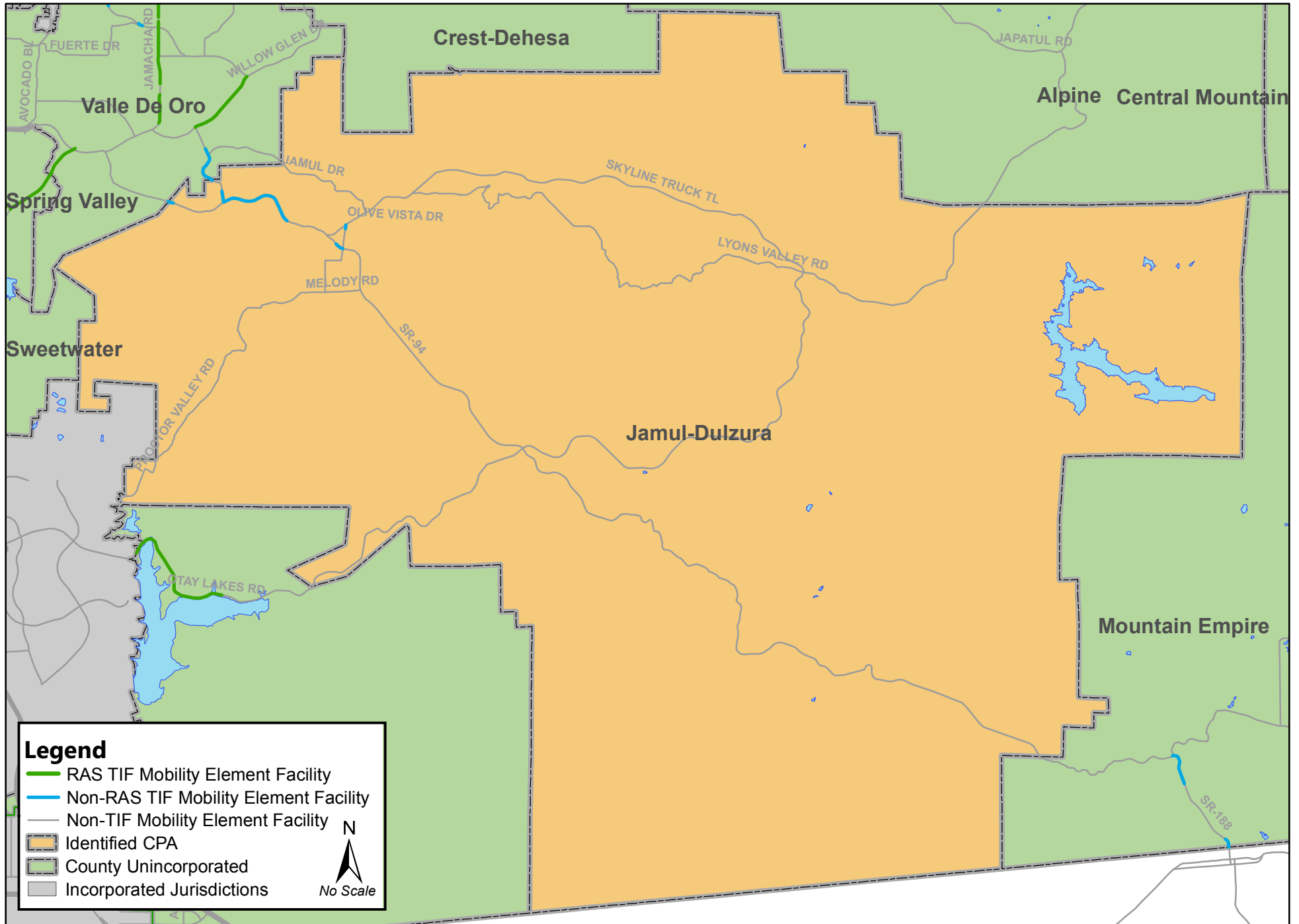




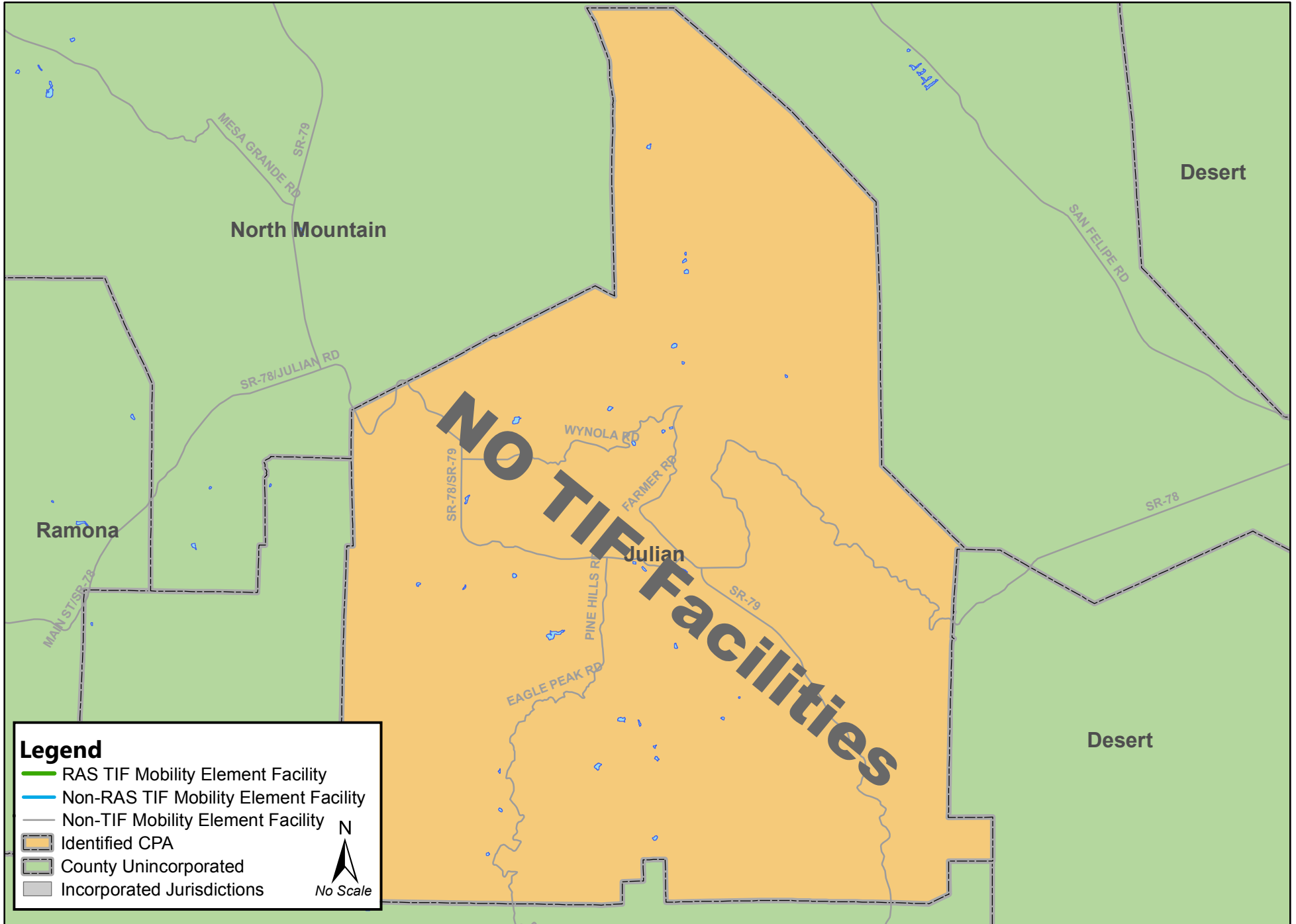
**County of San Diego Transportation Impact Fee (TIF)
Desert Community**



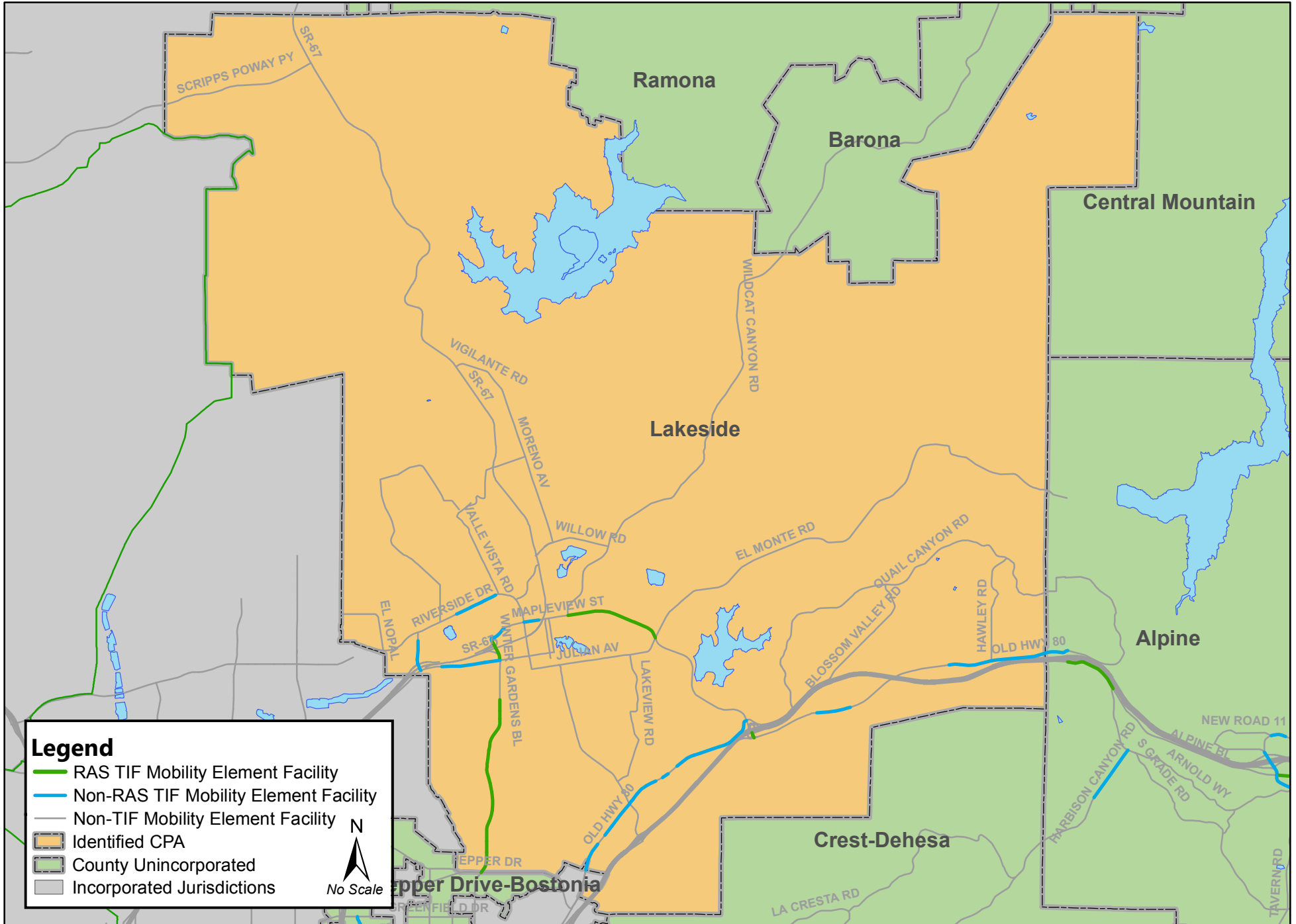
**County of San Diego Transportation Impact Fee (TIF)
Fallbrook Community**



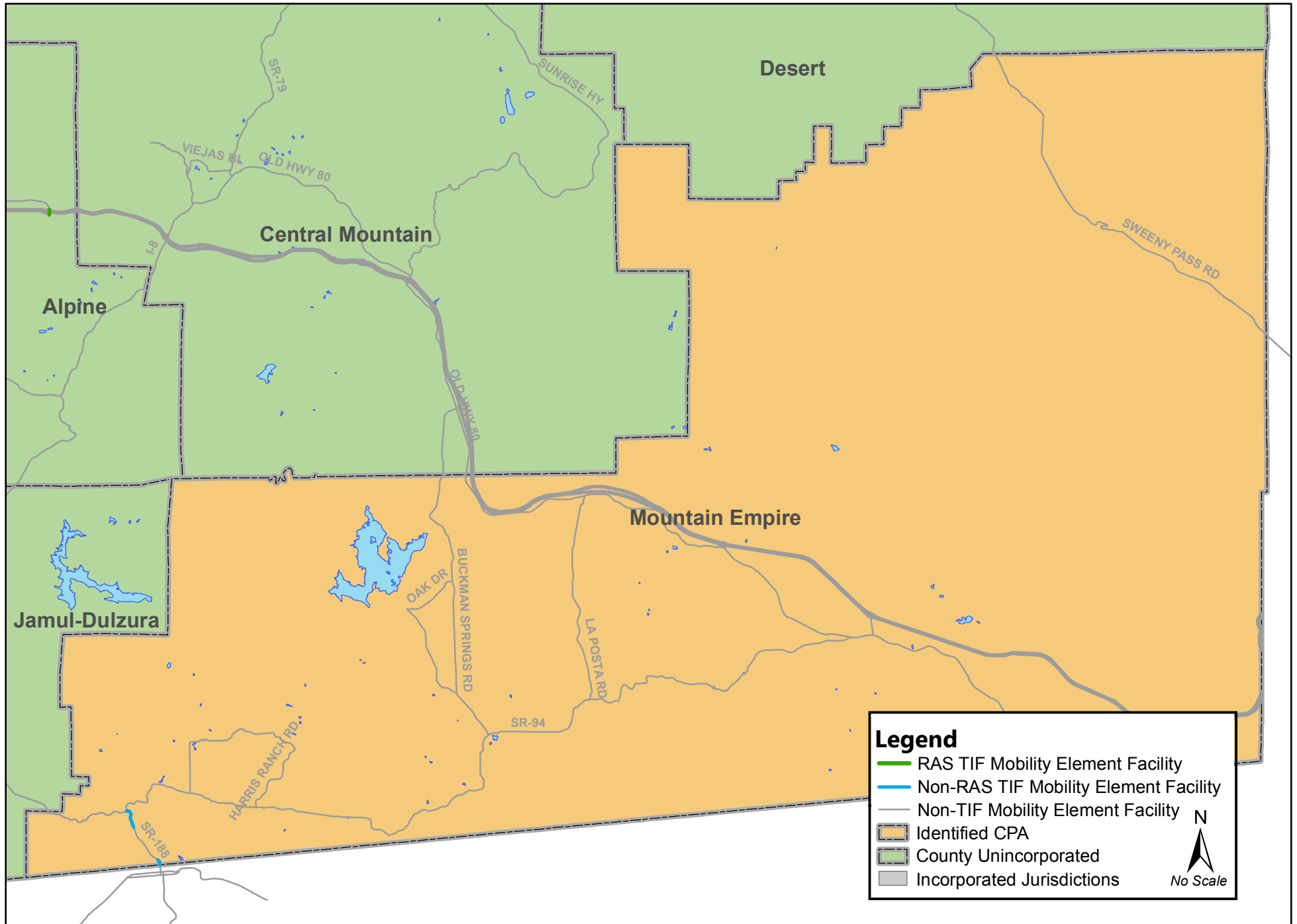
**County of San Diego Transportation Impact Fee (TIF)
Jamul-Dulzura Community**



**County of San Diego Transportation Impact Fee (TIF)
Julian Community**

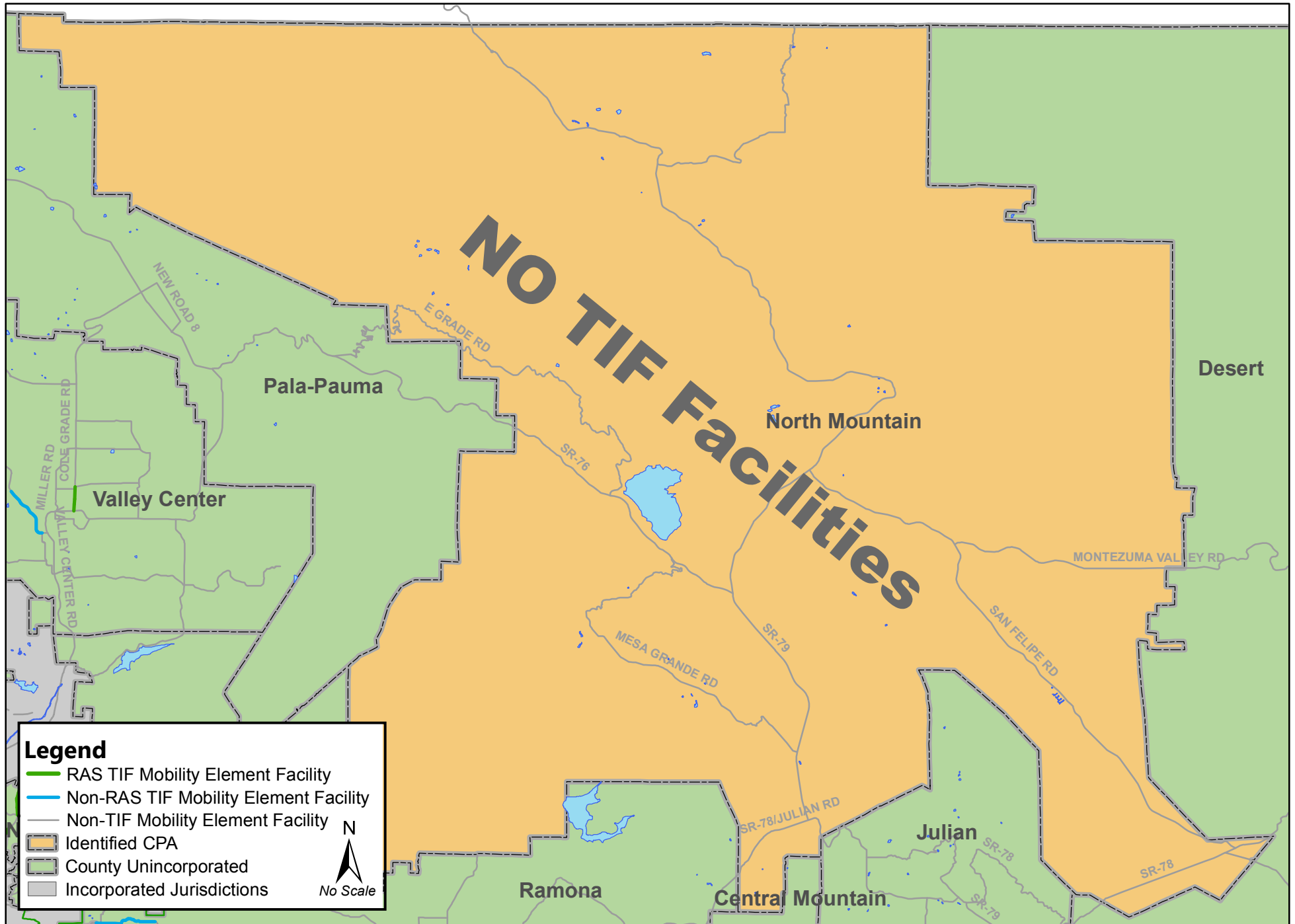


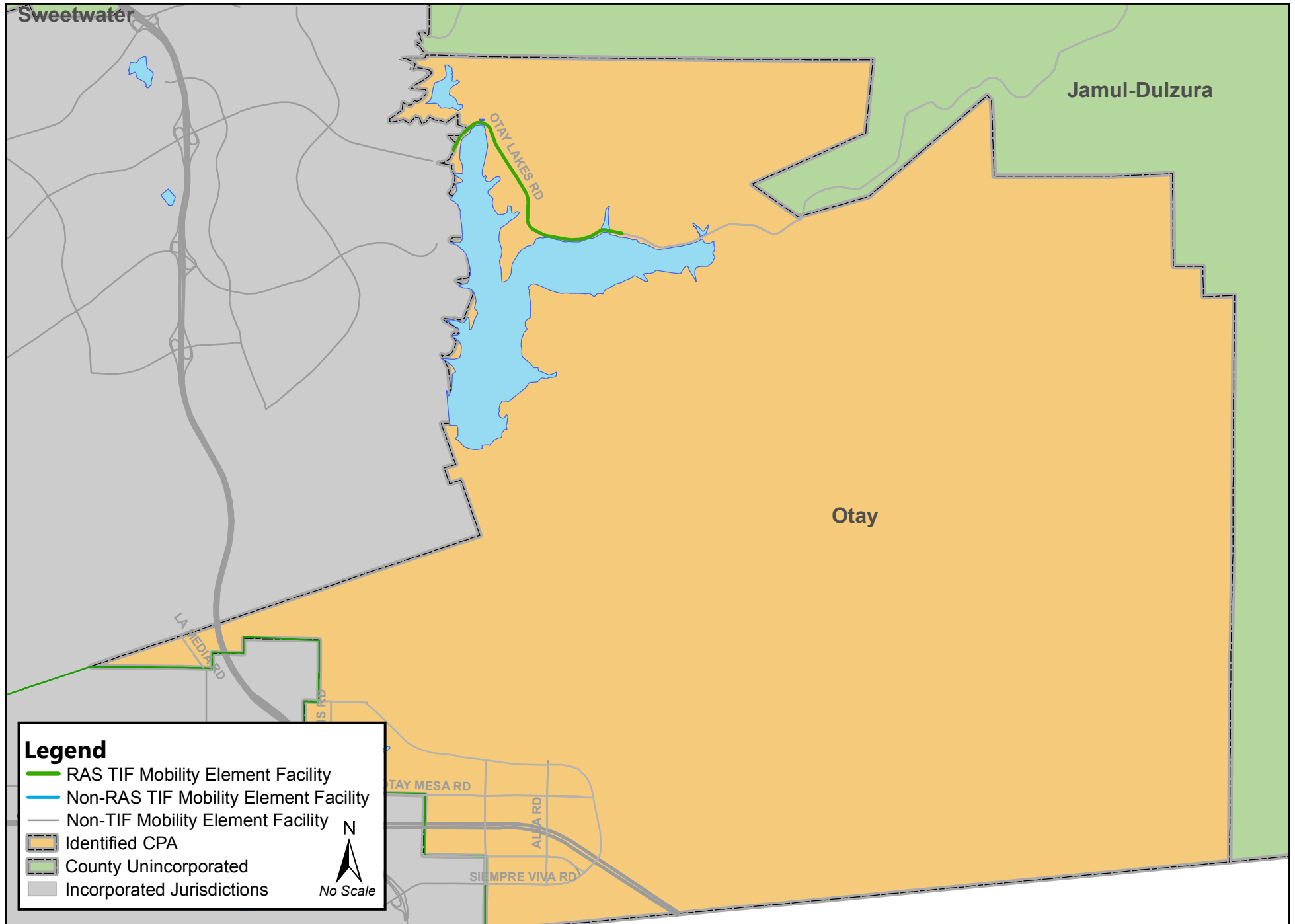
**County of San Diego Transportation Impact Fee (TIF)
Lakeside Community**



**County of San Diego Transportation Impact Fee (TIF)
Mountain Empire Community**

County of San Diego Transportation Impact Fee (TIF)
North County Metro Community





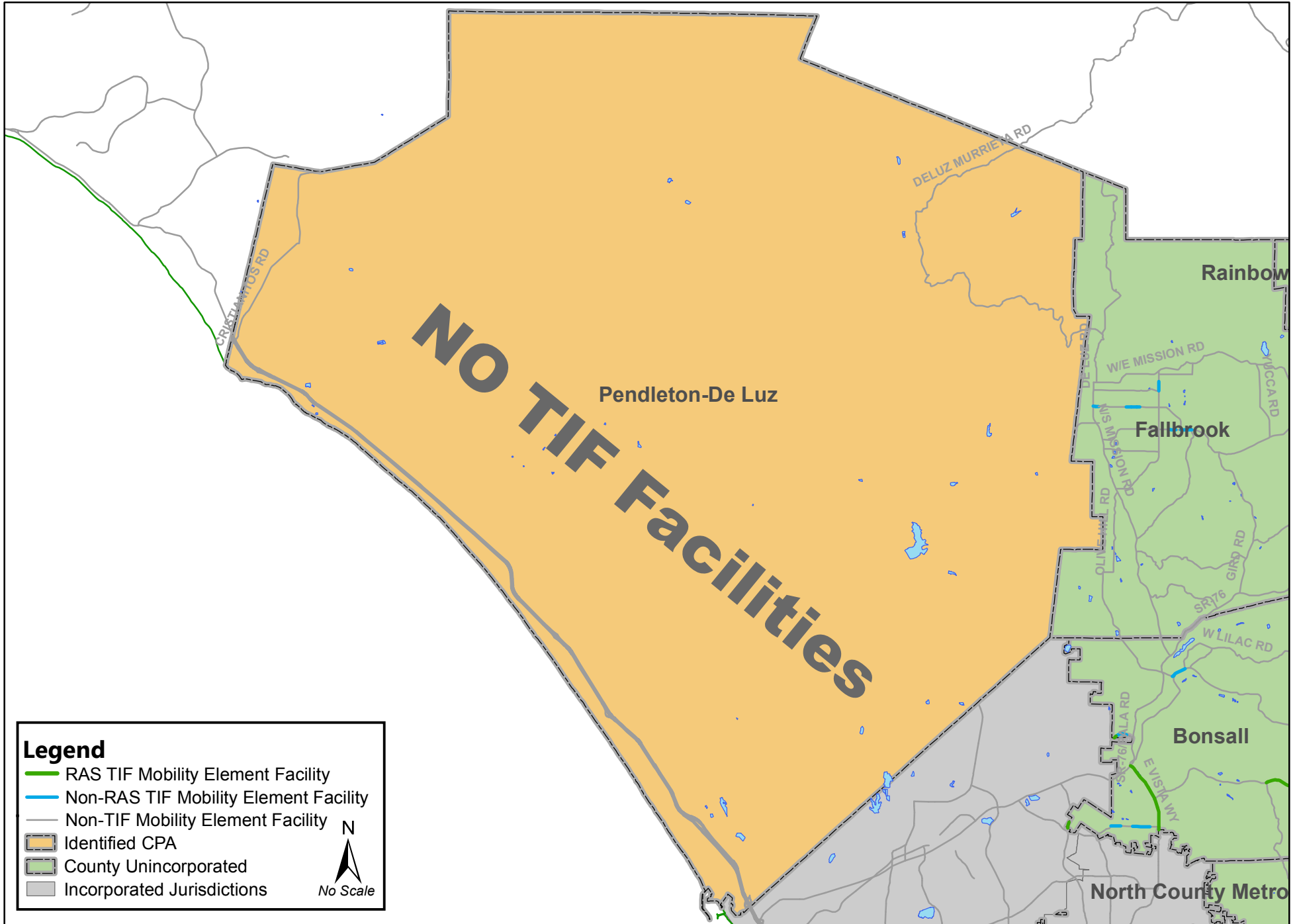
**County of San Diego Transportation Impact Fee (TIF)
Otay Community**

Legend

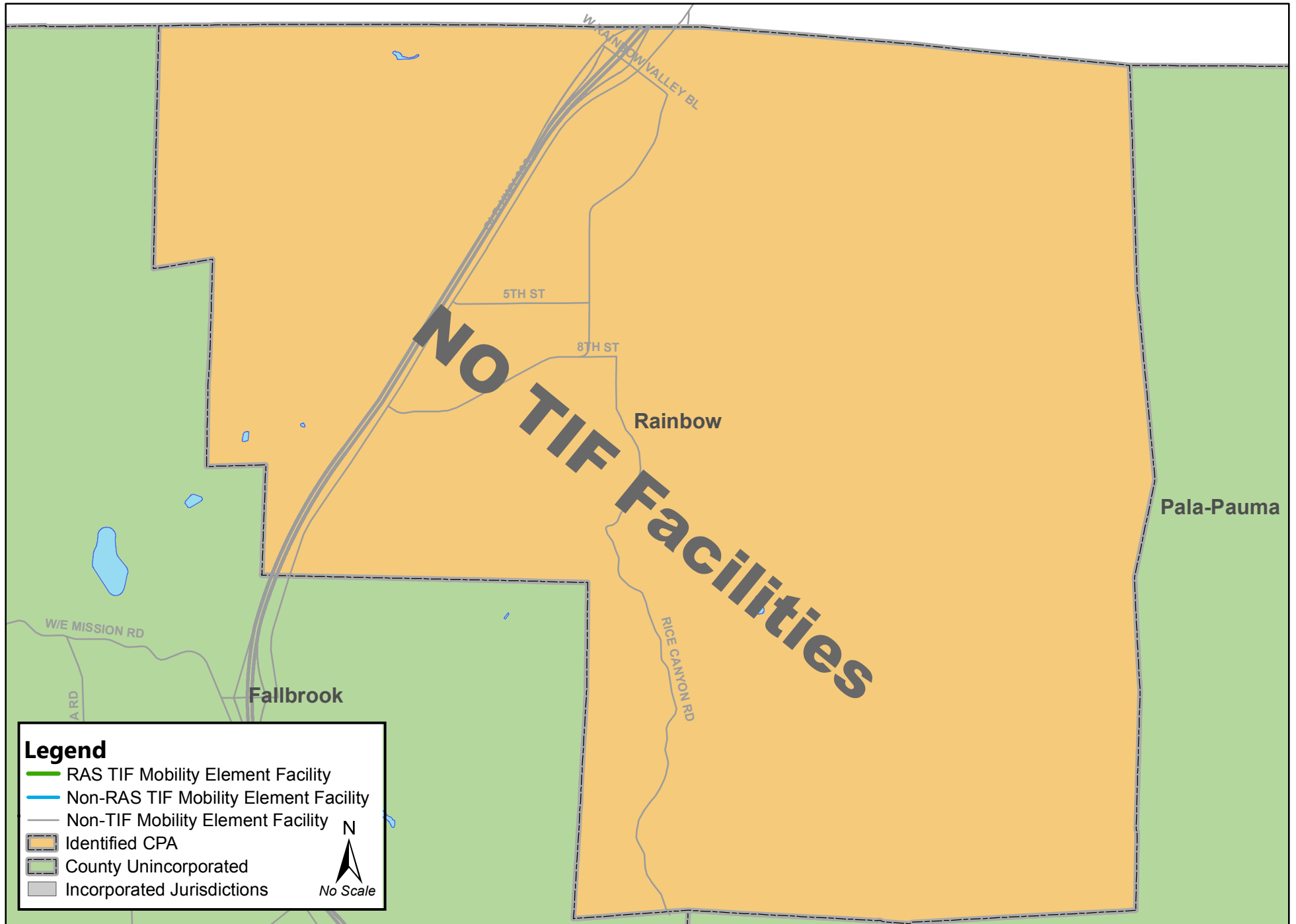
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- Non-RAS TIF Mobility Element Facility
- Non-TIF Mobility Element Facility
- Identified CPA
- County Unincorporated
- Incorporated Jurisdictions

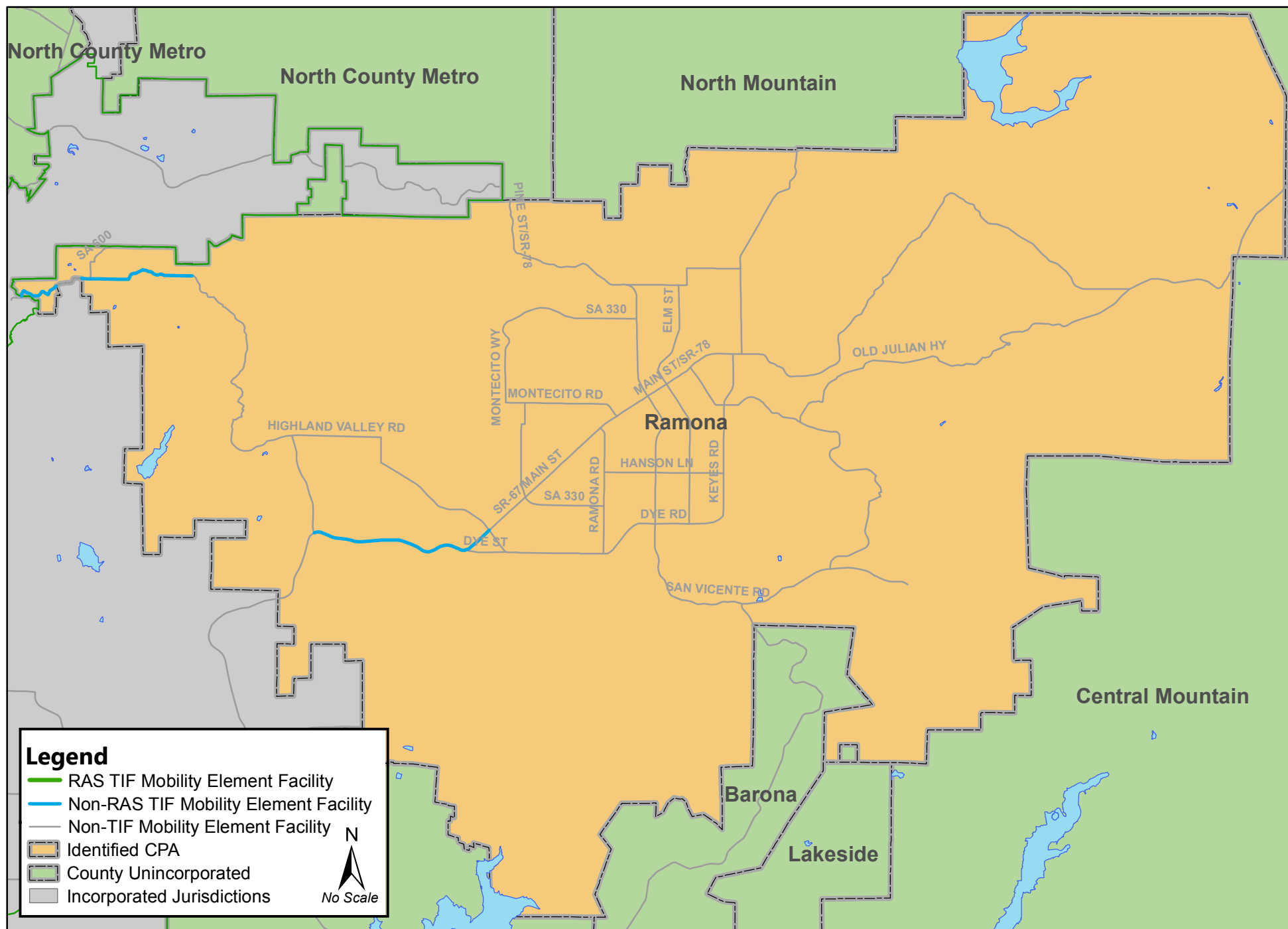
Map Labels: Rainbow, Fallbrook, Bonsall, Valley Center, Pala-Palma, North Mountain, North County Metro, 5th St, W/E Mission Rd, Nucca Rd, Horse Ranch Creek Rd, Ride Canyon Rd, Pala Temecula Rd, SR-79, S Grade Rd, E Grade Rd, Miller Rd, Fruitvale Rd, Valley Center Rd, Mirar de Valle Rd, Lake Wohlford Rd, W Liliac Rd, Liliac Rd, Circle R Rd, Old Castle Rd, Old Highway 395, Dwyer Rd, Mega Grande Rd.

Other Text: NO TIF Facilities, No Scale, N

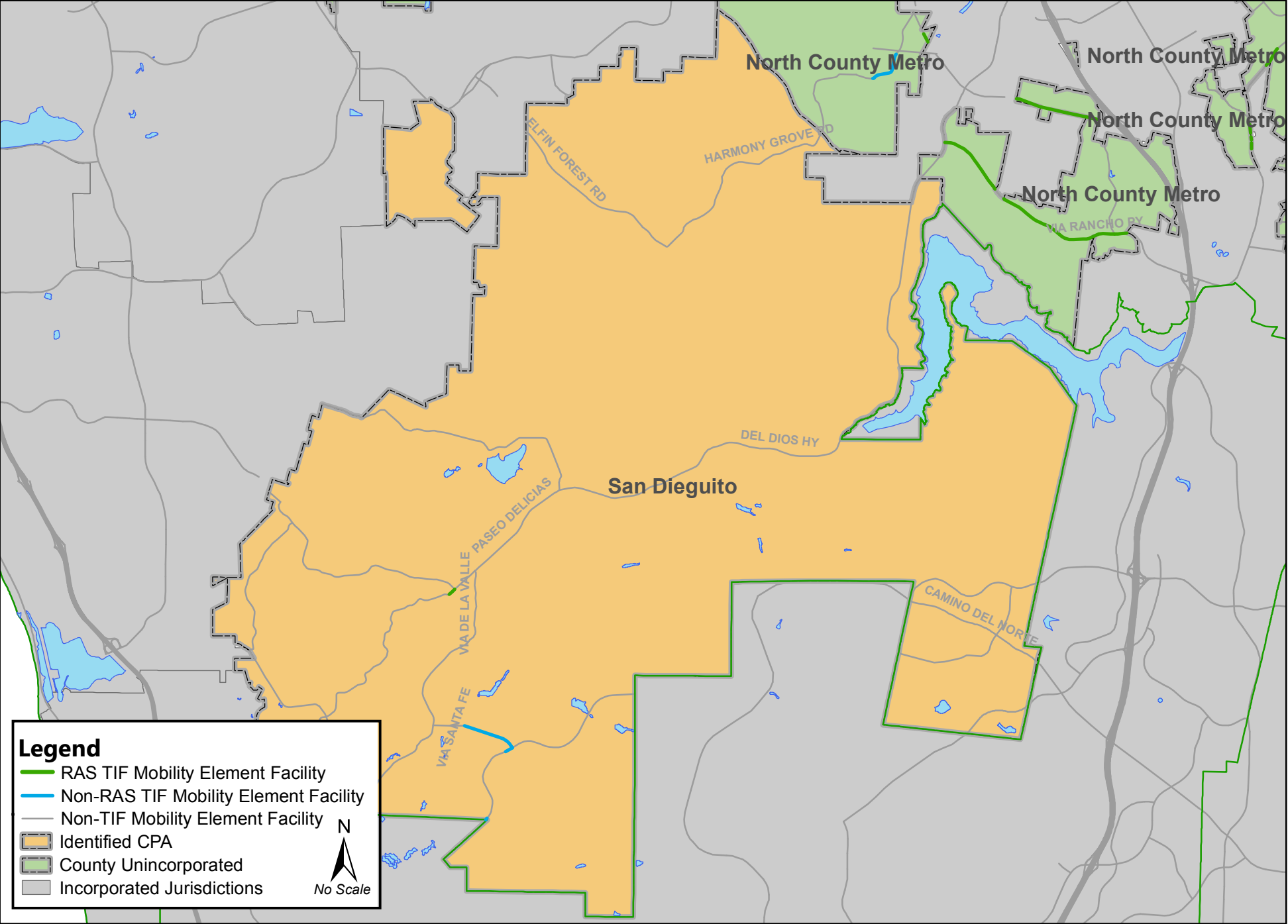


**County of San Diego Transportation Impact Fee (TIF)
Pendleton-De Luz Community**

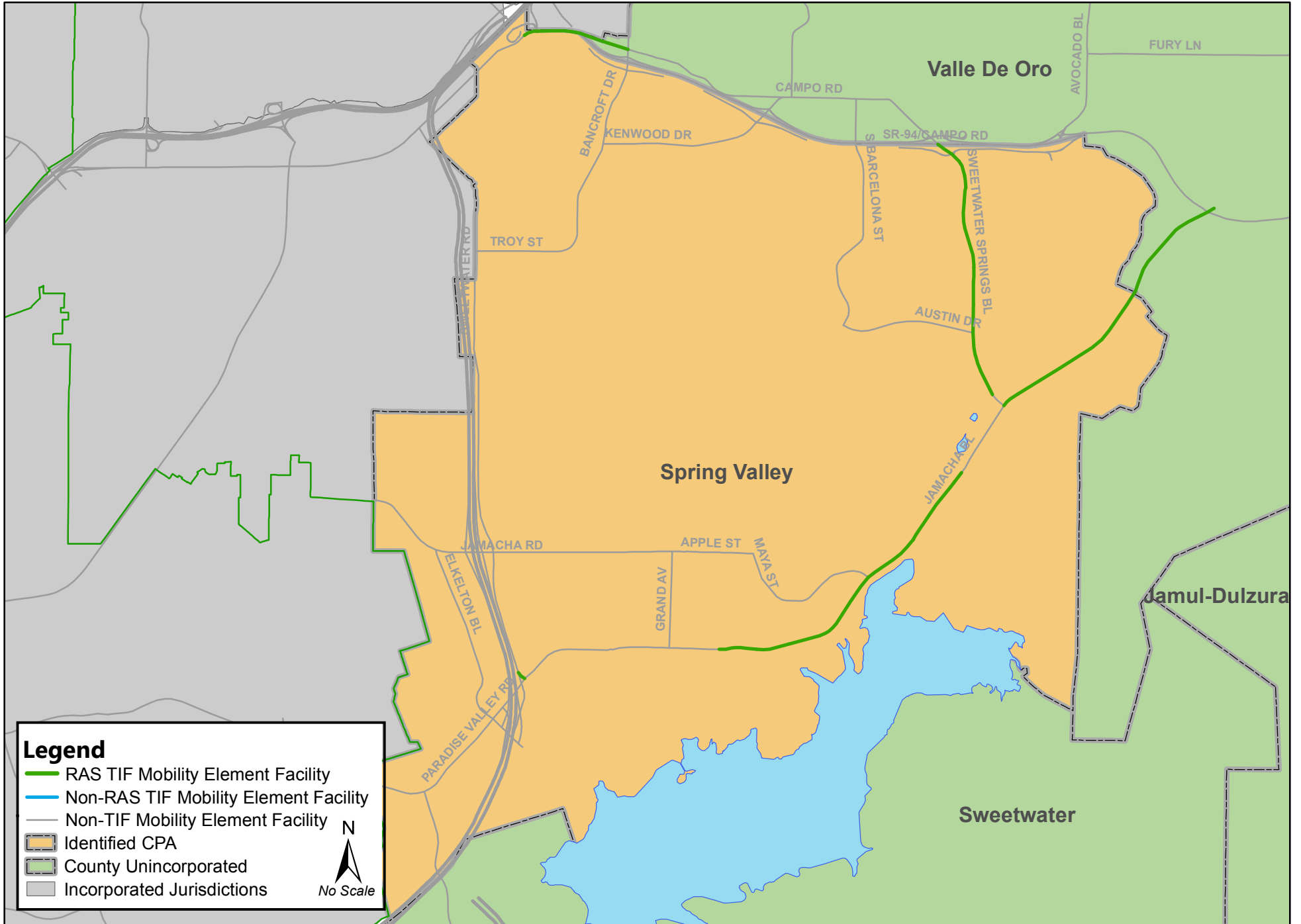




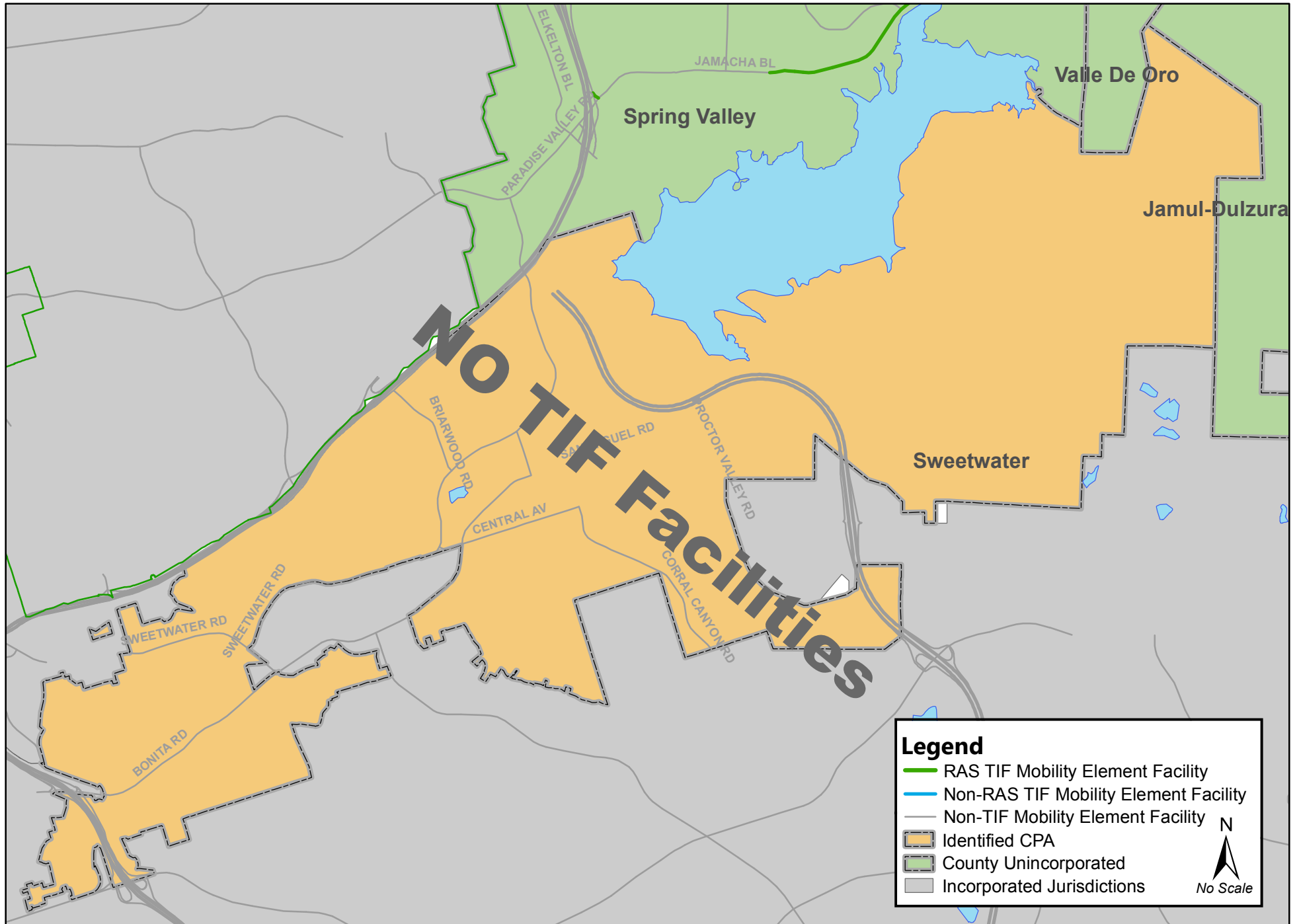
County of San Diego Transportation Impact Fee (TIF)
Ramona Community

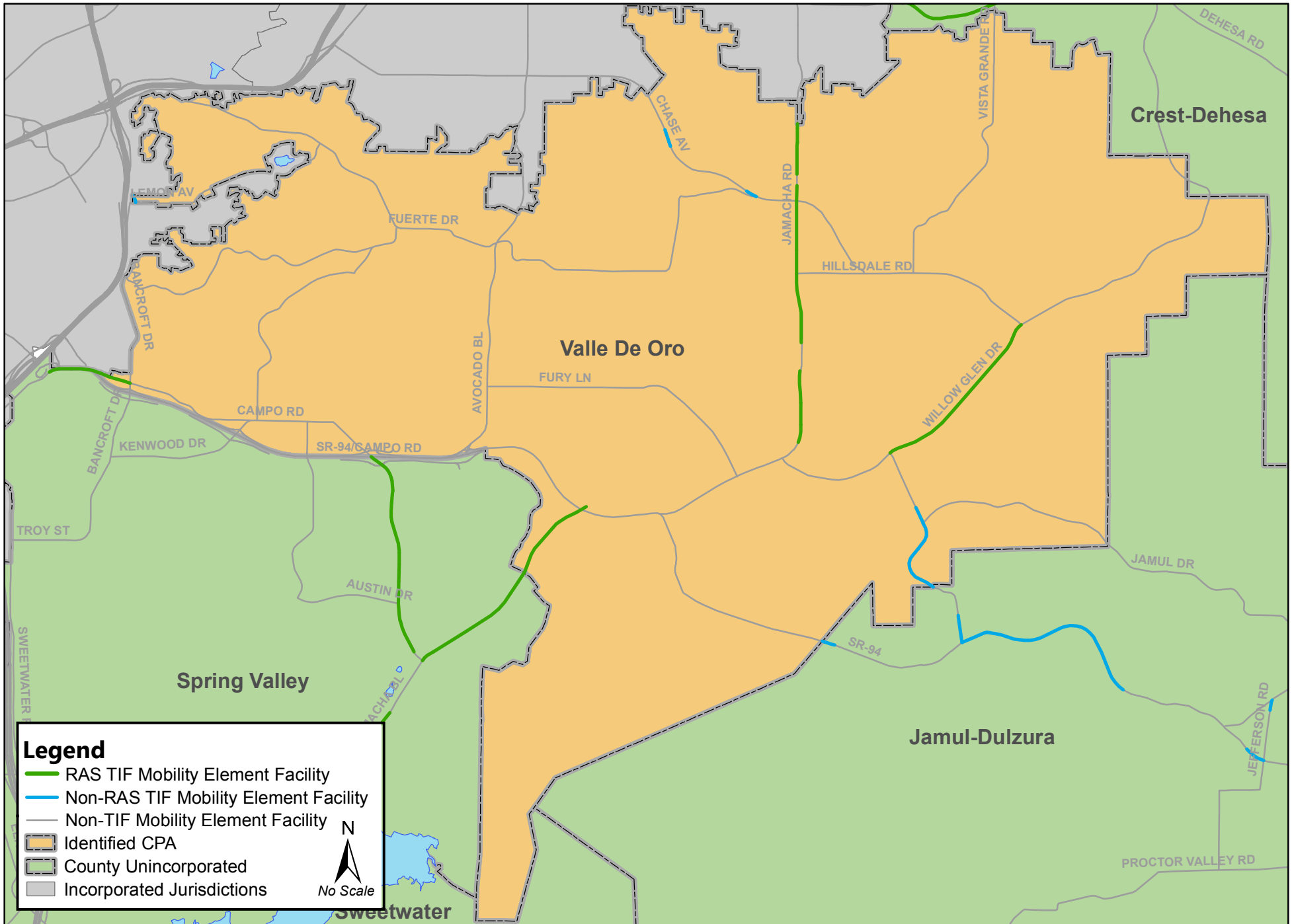


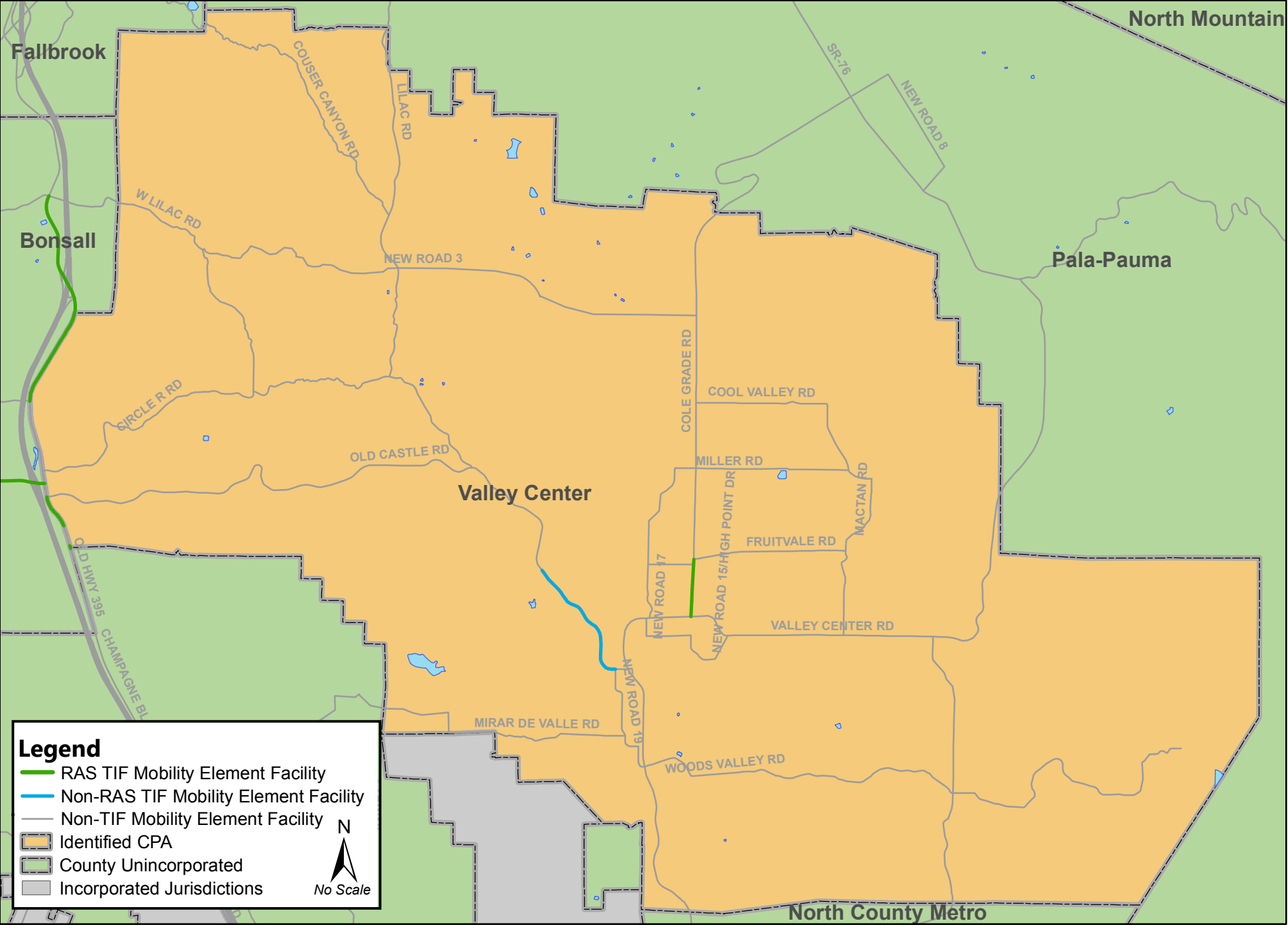
County of San Diego Transportation Impact Fee (TIF)
San Diegoito Community



**County of San Diego Transportation Impact Fee (TIF)
Spring Valley Community**







County of San Diego Transportation Impact Fee (TIF)
Valley Center Community

Attachment D

Roadway Improvement Unit Cost Sheets



Memorandum

To	Skip Shank, EFS Engineering, Inc.	Page	1 of 3
CC			
Subject	County of San Diego – Transportation Impact Fee Program Update Methodology for Roadway Improvement Unit Costs		
From	Michael Crull		
Date	June 8, 2012		

Roadway Improvement Unit Costs

Planning-level roadway improvement unit costs were developed for constructing new or upgrading existing roadways of various County of San Diego Mobility Element Road Classifications. Unit costs for new roadways were developed in accordance with the current County of San Diego Public Road Standards (March 2012). These unit costs are summarized in Attachment 1.

Unit costs for upgrading existing roadways were also developed. A wide range of unit costs were determined in order to account for upgrading various existing roadways to new Mobility Element Classifications. These unit costs are summarized in Attachment 2.

The roadway improvement unit costs are expressed in cost per mile (\$ / mile) and take into account the roadway classification, cross sectional characteristics (i.e., number of lanes and medians, road surface, and parkway and right-of-way widths), basic geometric design parameters (i.e., minimum curve radius, maximum desirable grade, and minimum design speed), and minimum structural section thicknesses.

The roadway improvement unit costs include planning, design, right-of-way, environmental, construction, and program administration costs. Program administration costs were estimated at four percent (4%) of the total roadway improvement unit costs.

Unit Cost Assumptions

Roadway improvement unit costs for new roadways were based upon two main factors: roadway and right-of-way costs. The roadway costs were originally developed in January 2005 for several main roadway classifications, and were derived from an analysis of several County roadway projects and a review of available data from other local agencies. These unit costs were then escalated from January 2005 to December 2011, using the *Engineering News Record* Construction Cost Index, which is considered representative for Southern California. The original 2005 roadway costs also included right-of-way costs at \$875,000 per acre. For the TIF Program Update, the right-of-way costs

were separated from the roadway costs and independently evaluated. Based on input from County staff, right-of-way costs were assumed at \$1,000,000 per acre, representing a 2.25% annual increase for six years. Please note: at \$1,000,000 per acre, the right-of-way cost for one lane-mile would be \$1,455,000. A summary of the roadway improvement and right-of-way costs are included in Table 1.

Table 1 – Summary of the Roadway and Right-of-Way Costs for New Roadways and Widening Existing Roadways

Facility Type	Roadway Cost	Right-of-Way Cost
	(\$ / lane-mile)	(\$ / lane-mile)
Prime Arterial	\$2,239,084	\$1,455,000
Major Road	\$1,869,675	\$1,455,000
Collector or Less	\$1,500,267	\$1,455,000

The above roadway improvement and right-of-way costs, together with the roadway's features (i.e., cross sectional characteristics, basic geometric design parameters, minimum structural section thicknesses, etc.) as described in the County Public Road Standards, were used to determine new roadway improvement unit costs (in \$ / mile).

Upgrading existing roadways includes, in addition to the roadway and right-of-way costs in Table 1, costs for median improvements, pavement overlays, and other required improvements needed to meet the higher road classification standard. Costs for medians and pavement overlays were obtained from recent construction bids and are summarized in Table 2.

Table 2 –Costs for Median and Pavement Overlays to Upgrade Existing Roadways

Improvement Description	Unit Cost
Minor Concrete (for Curbs)	\$500 / per Cubic Yard
Asphalt Concrete Pavement	\$110 / per Ton Hot Mixed Asphalt
Cold Plane AC Pavement	\$7 / per Square Yard

Other required improvements include the cost of drainage, signing and striping, water pollution control, mobilization, traffic control, utility, and other minor improvements as needed. These costs were based on a percentage of the cost of median and pavement overlay work. The percentage estimates were derived from an analysis of several County projects. These cost factors and corresponding percentages are summarized in Table 3.

Table 3 –Costs for Other Improvements to Upgrade Existing Roadways

Improvement Description	Cost Percentage
Drainage	27
Signing and Striping	2.3
Water Pollution Control	4.5
Mobilization	10
Traffic Control	9
Utility Relocations	6
Other Minor Improvements	9

Please note: the extent of other improvements required to upgrade existing roadways varies depending on the estimated amount of work required to upgrade each type of roadway to meet the County's Standards for the widened facility.

Roadway improvement unit costs include costs for intersections, including roadway and right-of-way widening, in accordance with the County Public Road Standards.

County of San Diego
Transportation Impact Fee Program (TIF) Update
FACILITY COST ANALYSIS
(Prepared by AECOM, August 2012)

Summary - Cost Estimate to Build:

			(\$ / Mile)
New	Light Collector w/ Reduced Shoulders	\$	9,903,000
	Light Collector w/ No Median	\$	12,887,000
	Light Collector w/ Improv Options - No Median	\$	15,825,000
	Light Collector w/ Improv Options - Median	\$	17,593,000
	Light Collector w/ Intermittent Turn Lanes	\$	12,887,000
	Light Collector w/ Cont. Left Turn Lane	\$	16,369,000
	Light Collector w/ Raised Median	\$	16,369,000

County of San Diego
Transportation Impact Fee Program (TIF) Update
FACILITY COST ANALYSIS
(Prepared by AECOM, August 2012)

Summary - Cost Estimate to Build:

			(\$ / Mile)
New	Community Collector w/ No Median	\$	12,397,000
	Community Collector w/ Improv Options - No Median	\$	15,335,000
	Community Collector w/ Improv Options - Median	\$	17,103,000
	Community Collector w/ Intermittent Turn Lanes	\$	12,397,000
	Community Collector w/ Cont. Turn Lane	\$	15,879,000
	Community Collector w/ Raised Median	\$	14,111,000

County of San Diego
Transportation Impact Fee Program (TIF) Update
FACILITY COST ANALYSIS
(Prepared by AECOM, August 2012)

Summary - Cost Estimate to Build:

		(\$ / Mile)	
New	Boulevard w/ Intermittent Turn Lanes	\$	19,577,000
	Boulevard w/ Raised Median	\$	21,060,000

County of San Diego
Transportation Impact Fee Program (TIF) Update
FACILITY COST ANALYSIS
(Prepared by AECOM, August 2012)

Summary - Cost Estimate to Build:

		(\$ / Mile)	
New	Major Road w/ Intermittent Turn Lanes	\$	20,766,000
	Major Road w/ Raised Median	\$	22,923,000

County of San Diego
Transportation Impact Fee Program (TIF) Update
FACILITY COST ANALYSIS
(Prepared by AECOM, August 2012)

Summary - Cost Estimate to Build:

		(\$ / Mile)	
New	Prime Arterial	\$	31,520,000

County of San Diego
Transportation Impact Fee Program (TIF) Update
FACILITY COST ANALYSIS
(Prepared by AECOM, August 2012)

Summary - Cost Estimate to Build:

		(\$ / Mile)	
New	Expressway	\$	35,213,000

County of San Diego
Transportation Impact Fee Program (TIF) Update
FACILITY COST ANALYSIS
(Prepared by AECOM, August 2012)

Summary - Cost Estimate to Upgrade From:

		(\$ / Mile)	
Light Collector	To	Light Collector w/ Reduced Shoulders	\$ -
		Light Collector w/ No Median	\$ 490,000
		Light Collector w/ Improv Options - No Median	\$ 3,428,000
		Light Collector w/ Improv Options - Median	\$ 5,196,000
		Light Collector w/ Intermittent Turn Lanes	\$ 490,000
		Light Collector w/ Cont. Left Turn Lane	\$ 3,981,000
		Light Collector w/ Raised Median	\$ 4,332,000
		Community Collector w/ No Median	\$ 216,000
		Community Collector w/ Improv Options - No Median	\$ 3,155,000
		Community Collector w/ Improv Options - Median	\$ 4,924,000
		Community Collector w/ Intermittent Turn Lanes	\$ 216,000
		Community Collector w/ Cont. Left Turn Lane	\$ 3,699,000
		Community Collector w/ Raised Median	\$ 4,083,000
		Boulevard w/ Intermittent Turn Lanes	\$ 7,165,000
		Boulevard w/ Raised Median	\$ 11,031,000
		Major Road w/ Intermittent Turn Lanes	\$ 7,097,000
		Major Road w/ Raised Median	\$ 11,418,000
		Prime Arterial	\$ 24,175,000
		Expressway	\$ 27,868,000

County of San Diego
Transportation Impact Fee Program (TIF) Update
FACILITY COST ANALYSIS
(Prepared by AECOM, August 2012)

Summary - Cost Estimate to Upgrade From:

			(\$ / Mile)
Town Collector	To	Community Collector w/ Raised Median	\$ 859,000
		Boulevard w/ Intermittent Turn Lanes	\$ 3,965,000
		Boulevard w/ Raised Median	\$ 7,806,000
		Major Road w/ Intermittent Turn Lanes	\$ 3,736,000
		Major Road w/ Raised Median	\$ 8,057,000
		Prime Arterial	\$ 22,706,000
		Expressway	\$ 26,398,000

County of San Diego
Transportation Impact Fee Program (TIF) Update
FACILITY COST ANALYSIS
(Prepared by AECOM, August 2012)

Summary - Cost Estimate to Upgrade From:

		(\$ / Mile)	
Collector	To	Major Road w/ Raised Median	\$ 4,788,000
		Prime Arterial	\$ 12,989,000
		Expressway	\$ 20,903,000

County of San Diego
Transportation Impact Fee Program (TIF) Update
FACILITY COST ANALYSIS
(Prepared by AECOM, August 2012)

Summary - Cost Estimate to Upgrade From:

		(\$ / Mile)	
Major Road	Prime Arterial	\$	7,752,000
	Expressway	\$	15,968,000
Prime Arterial	Expressway	\$	8,397,000

Attachment E

ME Improvement Costs For TIF and Non-TIF Improvements



Appendix E -Mobility Element Improvements Costs for Both TIF and Non-TIF Improvements

Sub-Region	CPA	Roadway	To	From	Facility Type	Length (Miles)	Existing Cross-Section	Non-TIF Required Classification	Non-TIF Improvement Total Cost (Millions)	ME Classification	ME Improvement Total Cost (Millions)	TIF Eligible?	TIF Cost (Millions)
South	Alpine	ALPINE	RAMP I-8 EB	RAMP I-8 EB	RAS	0.07	Light Collector	2.2C	\$0.00	4.1B	\$0.50	Y	\$0.50
South	Alpine	ALPINE	RAMP I-8 EB	ARNOLD	RAS	0.59	Light Collector	2.2C	\$0.00	4.1B	\$4.19	Y	\$4.19
South	Alpine	ALPINE	TAVERN	UNKNOWN	RAS	0.05	Light Collector	2.2E	\$0.00	2.2A	\$0.22	Y	\$0.22
South	Alpine	ALPINE	UNKNOWN	ZONE CONNECTOR	RAS	0.17	Light Collector	2.2E	\$0.00	2.2A	\$0.74	Y	\$0.74
South	Alpine	ALPINE	ZONE CONNECTOR	ZONE CONNECTOR	RAS	0.18	Light Collector	2.2A	\$0.78	2.2A	\$0.78	N	\$0.00
South	Alpine	ALPINE	ZONE CONNECTOR	UNKNOWN	RAS	0.14	Light Collector	2.2A	\$0.61	2.2A	\$0.61	N	\$0.00
South	Alpine	ALPINE	UNKNOWN	UNKNOWN	RAS	0.08	Light Collector	2.2A	\$0.35	2.2A	\$0.35	N	\$0.00
South	Alpine	ALPINE	UNKNOWN	WEST VICTORIA	RAS	0.07	Light Collector	2.2A	\$0.30	2.2A	\$0.30	N	\$0.00
South	Alpine	ALPINE	WEST VICTORIA	ELTINGE	RAS	0.05	Light Collector	2.2A	\$0.22	2.2A	\$0.22	N	\$0.00
South	Alpine	ALPINE	ELTINGE	ALPINE MHP	RAS	0.29	Light Collector	2.2A	\$1.26	2.2A	\$1.26	N	\$0.00
South	Alpine	ALPINE	ALPINE MHP	BAY MEADOWS	RAS	0.11	Light Collector	2.2A	\$0.48	2.2A	\$0.48	N	\$0.00
South	Alpine	ALPINE	BAY MEADOWS	PADRE DAM/DANATOS	RAS	0.20	Light Collector	2.2A	\$0.87	2.2A	\$0.87	N	\$0.00
South	Alpine	ALPINE	PADRE DAM/DANATOS	ROCK	RAS	0.10	Light Collector	2.2E	\$0.00	2.2A	\$0.43	Y	\$0.43
South	Alpine	ALPINE	ROCK	RAMP I-8 EB	RAS	0.09	Light Collector	2.2E	\$0.00	2.2A	\$0.39	N	\$0.00
South	Alpine	ALPINE	RAMP I-8 EB	SO GRADE/E VICTORIA	RAS	0.07	Light Collector	2.2E	\$0.00	2.2A	\$0.30	Y	\$0.30
South	Alpine	ARNOLD	SOUTH GRADE	MIDWAY	Local	0.63	Light Collector	2.2F	\$0.31	2.2F	\$0.31	N	\$0.00
South	Alpine	ARNOLD	MIDWAY	BLUE LILAC	Local	0.48	Light Collector	2.2F	\$0.23	2.2F	\$0.23	N	\$0.00
South	Alpine	ARNOLD	BLUE LILAC	FOSS	Local	0.29	Light Collector	2.2F	\$0.14	2.2F	\$0.14	N	\$0.00
South	Alpine	ARNOLD	TAVERN	ALPINE GROVE	Local	0.10	Light Collector	2.2E	\$0.00	2.2A	\$0.43	Y	\$0.43
South	Alpine	ARNOLD	ALPINE GROVE	ALPINE VILAGE	Local	0.19	Light Collector	2.2E	\$0.00	2.2A	\$0.82	Y	\$0.82
South	Alpine	ARNOLD	ALPINE VILAGE	OLIVEWOOD	Local	0.13	Light Collector	2.2E	\$0.00	2.2A	\$0.56	Y	\$0.56
South	Alpine	ARNOLD	OLIVEWOOD	WEST VICTORIA	Local	0.11	Light Collector	2.2E	\$0.00	2.2A	\$0.48	Y	\$0.48
South	Alpine	CITRANO LN	UNKNOWN	TAVERN	Local	0.33	New	2.3A	\$3.96	2.3A	\$3.96	N	\$0.00
South	Alpine	CITRANO LN	LARKSPUR	UNKNOWN	Local	0.41	New	2.3A	\$4.92	2.3A	\$4.92	N	\$0.00
South	Alpine	EAST VICTORIA	NORTH VICTORIA	ZONE CONNECTOR	Local	0.57	Light Collector	2.2F	\$0.28	2.2F	\$0.28	N	\$0.00
South	Alpine	EAST VICTORIA	ZONE CONNECTOR	OTTO	Local	0.22	Light Collector	2.2F	\$0.11	2.2F	\$0.11	N	\$0.00
South	Alpine	HARBISON CANYON	ARNOLD	UNKNOWN	Local	0.44	Light Collector	2.2E	\$0.00	2.2A	\$1.91	Y	\$1.91
South	Alpine	HARBISON CANYON	UNKNOWN	BULLARD	Local	0.23	Light Collector	2.2E	\$0.00	2.2A	\$1.00	Y	\$1.00
South	Alpine	JAPATUL	DEHESA	VIA ASOLEADO	Local	0.20	Light Collector	2.2F	\$0.10	2.2F	\$0.10	N	\$0.00
South	Alpine	JAPATUL	VIA ASOLEADO	UNKNOWN	Local	2.42	Light Collector	2.2F	\$1.17	2.2F	\$1.17	N	\$0.00
South	Alpine	JAPATUL	UNKNOWN	SC 780	Local	1.69	Light Collector	2.2F	\$0.82	2.2F	\$0.82	N	\$0.00
South	Alpine	JAPATUL	SC 780	MARIAH	Local	2.08	Light Collector	2.2F	\$1.01	2.2F	\$1.01	N	\$0.00
South	Alpine	JAPATUL	MARIAH	LYONS VALLEY	Local	0.65	Light Collector	2.2F	\$0.32	2.2F	\$0.32	N	\$0.00
South	Alpine	JAPATUL VALLEY	ZONE CONNECTOR	AVNDA DE LOS ARBOLES	Local	0.59	Light Collector	2.2F	\$0.29	2.2F	\$0.29	N	\$0.00
South	Alpine	JAPATUL VALLEY	AVNDA DE LOS ARBOLES	JAPATUL	Local	1.80	Light Collector	2.2F	\$0.87	2.2F	\$0.87	N	\$0.00
South	Alpine	JAPATUL VALLEY	LYONS VALLEY	LYONS VALLEY	Local	2.00	Light Collector	2.2F	\$0.97	2.2F	\$0.97	N	\$0.00
South	Alpine	LYONS VALLEY	UNKNOWN	UNKNOWN	Local	2.33	Light Collector	2.2F	\$1.13	2.2F	\$1.13	N	\$0.00
South	Alpine	LYONS VALLEY	UNKNOWN	JAPATUL	Local	1.39	Light Collector	2.2F	\$0.67	2.2F	\$0.67	N	\$0.00
South	Alpine	NORTH VICTORIA	SNEATH	STARBRIGHT	Local	0.30	Light Collector	2.2F	\$0.15	2.2F	\$0.15	N	\$0.00
South	Alpine	NORTH VICTORIA	STARBRIGHT	PEUTZ VALLEY	Local	0.30	Light Collector	2.2F	\$0.15	2.2F	\$0.15	N	\$0.00
South	Alpine	NORTH VICTORIA	PEUTZ VALLEY	UNKNOWN	Local	0.07	Light Collector	2.2F	\$0.03	2.2F	\$0.03	N	\$0.00
South	Alpine	NORTH VICTORIA	UNKNOWN	EAST VICTORIA	Local	0.23	Light Collector	2.2F	\$0.11	2.2F	\$0.11	N	\$0.00
South	Alpine	OLDE 80	SILVA	DUNBAR	Local	0.27	Light Collector	2.2E	\$0.00	2.2B	\$1.07	Y	\$1.07
South	Alpine	SC 1930	DUNBAR	UNKNOWN	Local	0.10	New	2.3C	\$1.20	2.3C	\$1.20	N	\$0.00
South	Alpine	TAVERN	TABERNA VISTA	TABERNA VISTA	Regional	0.23	Town Collector	2.2C	\$0.00	4.1A	\$1.85	N	\$0.00
South	Alpine	TAVERN	TABERNA VISTA	VICTORIA MEADOWS	Regional	0.37	Town Collector	2.2C	\$0.00	4.1A	\$2.98	N	\$0.00
South	Alpine	TAVERN	VICTORIA MEADOWS	RAMP I-8 WB	Regional	0.03	Town Collector	2.2C	\$0.00	4.1A	\$0.24	Y	\$0.24
South	Alpine	TAVERN	RAMP I-8 WB	RAMP I-8 HOV EB	Regional	0.17	Town Collector	4.1B	\$0.64	4.1A	\$1.37	Y	\$0.73
South	Alpine	TAVERN	RAMP I-8 HOV EB	RAMP	Regional	0.06	Town Collector	4.1B	\$0.22	4.1A	\$0.48	Y	\$0.26
South	Alpine	TAVERN	RAMP	ALPINE	Regional	0.04	Town Collector	4.1B	\$0.15	4.1A	\$0.32	Y	\$0.17
South	Alpine	TAVERN	ALPINE	ALPINE CREEK CENTER	Regional	0.07	Collector	4.1B	\$0.00	4.1A	\$0.33	Y	\$0.33
South	Alpine	TAVERN	ALPINE CREEK CENTER	ADMINISTRATION	Regional	0.17	Collector	4.1B	\$0.00	4.1A	\$0.80	Y	\$0.80
South	Alpine	TAVERN	ADMINISTRATION	ARNOLD	Regional	0.03	Collector	4.1B	\$0.00	4.1A	\$0.14	Y	\$0.14
South	Alpine	VICTORIA PARK	TAVERN	LARKSPUR	Local	0.23	New	2.2E	\$2.96	2.2A	\$3.77	N	\$0.00
South	Alpine	VICTORIA PARK	LARKSPUR	GENTIAN	Local	0.17	New	2.2E	\$2.19	2.2A	\$2.79	Y	\$0.60
South	Alpine	VICTORIA PARK	UNKNOWN	WEST VICTORIA	Local	0.25	Light Collector	2.2E	\$0.00	2.2A	\$1.08	Y	\$1.08
South	Alpine	WEST VICTORIA	NORTH VICTORIA	VICTORIA CIRCLE	Local	0.39	Light Collector	2.2F	\$0.19	2.2F	\$0.19	N	\$0.00
South	Alpine	WEST VICTORIA	VICTORIA CIRCLE	VICTORIA PARK	Local	0.10	Light Collector	2.2F	\$0.05	2.2F	\$0.05	N	\$0.00
South	Alpine	WILLOWS	VIEJAS GRADE	UNKNOWN	RAS	0.62	Light Collector	4.2A	\$6.84	4.2A	\$6.84	N	\$0.00
South	Alpine	WILLOWS	UNKNOWN	VIEJAS ROW	RAS	0.35	Light Collector	4.2A	\$3.86	4.2A	\$3.86	N	\$0.00

Appendix E -Mobility Element Improvements Costs for Both TIF and Non-TIF Improvements

Sub-Region	CPA	Roadway	To	From	Facility Type	Length (Miles)	Existing Cross-Section	Non-TIF Required Classification	Non-TIF Improvement Total Cost (Millions)	ME Classification	ME Improvement Total Cost (Millions)	TIF Eligible?	TIF Cost (Millions)
South	Alpine	WILLOWS	RAMP I-8 WB	RAMP I-8 EB	RAS	0.12	Collector	4.1B	\$0.00	4.1A	\$0.57	Y	\$0.57
South	Alpine	WILLOWS	RAMP I-8 EB	ALPINE	RAS	0.03	Light Collector	2.2E	\$0.00	4.1A	\$0.34	Y	\$0.34
South	County Islands	EUCLID	24TH	RIDGEWAY	RAS	0.18	Collector	4.1B	\$0.00	4.1A	\$0.85	Y	\$0.85
South	County Islands	EUCLID	RIDGEWAY	NORTH OF SWEETWATER	RAS	0.29	Light Collector	4.1B	\$2.06	4.1A	\$3.33	Y	\$1.27
South	County Islands	EUCLID	RIDGEWAY	NORTH OF SWEETWATER	RAS	0.01	Light Collector	4.1B	\$0.07	4.1A	\$0.11	Y	\$0.04
South	County Islands	EUCLID	NORTH OF SWEETWATER	SWEETWATER	RAS	0.03	Light Collector	4.1B	\$0.21	4.1A	\$0.34	Y	\$0.13
South	County Islands	MIRAMAR	RAMP I-15 NB	RAMP I-15 SB	RAS	0.09	Collector	4.1A	\$0.42	4.1A	\$0.42	N	\$0.00
South	County Islands	POMERADO	WILLOW CREEK	UNKNOWN	RAS	0.52	Town Collector	4.1A	\$4.19	4.1A	\$4.19	N	\$0.00
South	County Islands	POMERADO	UNKNOWN	RAMP I-15 NB	RAS	0.06	Light Collector	4.1A	\$0.69	4.1A	\$0.69	N	\$0.00
South	County Islands	POMERADO	RAMP I-15 NB	RAMP I-15 NB	RAS	0.11	Town Collector	4.1A	\$0.89	4.1A	\$0.89	N	\$0.00
South	County Islands	SWEETWATER	RAMP I-805 SB	RAMP I-805 NB	RAS	0.05	Collector	6.2	\$0.65	6.2	\$0.65	N	\$0.00
South	County Islands	SWEETWATER	RAMP I-805 NB	OLIVE	RAS	0.07	Collector	6.2	\$0.91	6.2	\$0.91	N	\$0.00
South	County Islands	SWEETWATER	OLIVE	ORANGE	RAS	0.04	Collector	6.2	\$0.52	6.2	\$0.52	N	\$0.00
South	Crest-Dehesa	CREST	SUNCREST	SOUTH	Local	0.36	Light Collector	2.2F	\$0.17	2.2F	\$0.17	N	\$0.00
South	Crest-Dehesa	DEHESA	GRANITE HILLS	CALLE ENCANTO	RAS	0.32	Light Collector	2.2C	\$0.00	4.1B	\$2.27	Y	\$2.27
South	Crest-Dehesa	DEHESA	CALLE ENCANTO	VISTA GRANDE	RAS	0.32	Light Collector	2.2C	\$0.00	4.1B	\$2.27	Y	\$2.27
South	Crest-Dehesa	DEHESA	VISTA GRANDE	SINGING TRAILS	RAS	0.44	Light Collector	2.2C	\$0.00	4.1B	\$3.12	Y	\$3.12
South	Crest-Dehesa	DEHESA	SINGING TRAILS	DEHESA-NEW	RAS	0.12	Light Collector	2.2C	\$0.00	4.1B	\$0.85	Y	\$0.85
South	Crest-Dehesa	DEHESA	DEHESA-NEW	WILLOW GLEN	RAS	0.04	Light Collector	2.2C	\$0.00	4.1B	\$0.28	Y	\$0.28
South	Crest-Dehesa	DEHESA	WILLOW GLEN	ZONE CONNECTOR	RAS	0.42	Light Collector	4.1B	\$2.98	4.1B	\$2.98	N	\$0.00
South	Crest-Dehesa	DEHESA	ZONE CONNECTOR	SYCUAN SUMMIT	RAS	0.57	Light Collector	4.1B	\$4.05	4.1B	\$4.05	N	\$0.00
South	Crest-Dehesa	DEHESA	SYCUAN SUMMIT	UNKNOWN	RAS	0.81	Light Collector	4.1B	\$5.75	4.1B	\$5.75	N	\$0.00
South	Crest-Dehesa	DEHESA	UNKNOWN	UNKNOWN	RAS	0.91	Light Collector	4.1B	\$6.46	4.1B	\$6.46	N	\$0.00
South	Crest-Dehesa	DEHESA	UNKNOWN	HARBISON CANYON	RAS	0.51	Light Collector	4.1B	\$3.62	4.1B	\$3.62	N	\$0.00
South	Crest-Dehesa	DEHESA	HARBISON CANYON	ZONE CONNECTOR	RAS	0.25	Light Collector	4.1B	\$1.77	4.1B	\$1.77	N	\$0.00
South	Crest-Dehesa	DEHESA	ZONE CONNECTOR	SYCUAN	RAS	0.48	Light Collector	4.1B	\$3.41	4.1B	\$3.41	N	\$0.00
South	Crest-Dehesa	DEHESA-NEW	DEHESA	DEHESA	RAS	0.45	Light Collector	2.2C	\$0.00	4.1B	\$3.19	Y	\$3.19
South	Crest-Dehesa	GRANITE HILLS	LEXINGTON	WASHINGTON	Regional	0.31	Light Collector	2.2E	\$0.00	4.1B	\$2.20	Y	\$2.20
South	Crest-Dehesa	GRANITE HILLS	MELODY	LEXINGTON	Regional	0.26	Light Collector	2.2E	\$0.00	4.1B	\$1.85	Y	\$1.85
South	Crest-Dehesa	GRANITE HILLS	04TH	MELODY	Regional	0.12	Light Collector	2.2E	\$0.00	4.1B	\$0.85	Y	\$0.85
South	Crest-Dehesa	GRANITE HILLS	04TH	MELODY	Regional	0.02	Light Collector	2.2E	\$0.00	4.1B	\$0.14	Y	\$0.14
South	Crest-Dehesa	GRANITE HILLS	04TH	MELODY	Regional	0.02	Light Collector	2.2E	\$0.00	4.1B	\$0.14	Y	\$0.14
South	Crest-Dehesa	GREENFIELD	BERMUDA LANE	CANDLE	Regional	0.06	Light Collector	4.1B	\$0.43	4.1B	\$0.43	N	\$0.00
South	Crest-Dehesa	GREENFIELD	CANDLE	SYCAMORE	Regional	0.08	Light Collector	4.1B	\$0.57	4.1B	\$0.57	N	\$0.00
South	Crest-Dehesa	GREENFIELD	SYCAMORE	LA CRESTA	Regional	0.15	Light Collector	4.1B	\$1.06	4.1B	\$1.06	N	\$0.00
South	Crest-Dehesa	GREENFIELD	LA CRESTA	ZONE CONNECTOR	Regional	0.24	Light Collector	2.2E	\$0.00	4.1B	\$1.70	N	\$0.00
South	Crest-Dehesa	GREENFIELD	ZONE CONNECTOR	MADISON	Regional	0.23	Light Collector	2.2E	\$0.00	4.1B	\$1.63	Y	\$1.63
South	Crest-Dehesa	LA CRESTA	MOUNTAIN VIEW	BURDETT	Local	0.31	Light Collector	2.2F	\$0.15	2.2F	\$0.15	N	\$0.00
South	Crest-Dehesa	LA CRESTA	BURDETT	NORTH	Local	0.23	Light Collector	2.2F	\$0.11	2.2F	\$0.11	N	\$0.00
South	Crest-Dehesa	SOUTH	SUNCREST	CREST	Local	0.27	Light Collector	2.2F	\$0.13	2.2F	\$0.13	N	\$0.00
South	Crest-Dehesa	SUNCREST	SOUTH	BEECH	Local	0.20	Light Collector	2.2F	\$0.10	2.2F	\$0.10	N	\$0.00
South	Crest-Dehesa	SUNCREST	BEECH	LENTO	Local	0.27	Light Collector	2.2F	\$0.13	2.2F	\$0.13	N	\$0.00
South	Crest-Dehesa	SUNCREST	LENTO	CREST	Local	0.08	Light Collector	2.2F	\$0.04	2.2F	\$0.04	N	\$0.00
South	Crest-Dehesa	SUNCREST	CREST	LA CRESTA	Local	0.11	Light Collector	2.2F	\$0.05	2.2F	\$0.05	N	\$0.00
South	Jamul-Dulzura	CAMPO	ZONE CONNECTOR	SR-94	State	0.08	Town Collector	4.1B	\$0.30	4.1A	\$0.64	Y	\$0.35
South	Jamul-Dulzura	CAMPO	SR-94	FAIR ACRES	State	0.19	Town Collector	4.1B	\$0.71	4.1A	\$1.53	N	\$0.00
South	Jamul-Dulzura	CAMPO	FAIR ACRES	STEELE CANYON	State	0.29	Town Collector	4.1B	\$1.08	4.1A	\$2.34	N	\$0.00
South	Jamul-Dulzura	CAMPO	STEELE CANYON	RANCHO MIGUEL	State	0.18	Town Collector	4.1B	\$0.67	4.1A	\$1.45	Y	\$0.78
South	Jamul-Dulzura	CAMPO	RANCHO MIGUEL	VISTA SAGE	State	1.13	Town Collector	4.1B	\$4.22	4.1A	\$9.10	Y	\$4.88
South	Jamul-Dulzura	CAMPO	VISTA SAGE	VISTA DIEGO	State	0.62	Town Collector	4.1B	\$2.32	4.1A	\$5.00	N	\$0.00
South	Jamul-Dulzura	CAMPO	VISTA DIEGO	LYONS VALLEY	State	0.09	Town Collector	4.1B	\$0.34	4.1A	\$0.73	N	\$0.00
South	Jamul-Dulzura	CAMPO	LYONS VALLEY	UNKNOWN	State	0.21	Town Collector	4.1B	\$0.78	4.1A	\$1.69	N	\$0.00
South	Jamul-Dulzura	CAMPO	UNKNOWN	JEFFERSON	State	0.13	Town Collector	4.1B	\$0.49	4.1A	\$1.05	Y	\$0.56
South	Jamul-Dulzura	CAMPO	JEFFERSON	ZONE CONNECTOR	State	0.28	Town Collector	2.2C	\$0.00	4.1A	\$2.26	N	\$0.00
South	Jamul-Dulzura	CAMPO	ZONE CONNECTOR	MAXFIELD	State	0.09	Town Collector	2.2C	\$0.00	4.1A	\$0.73	N	\$0.00
South	Jamul-Dulzura	CAMPO	MAXFIELD	HILLSIDE	State	0.16	Town Collector	2.2C	\$0.00	4.1A	\$1.29	N	\$0.00
South	Jamul-Dulzura	CAMPO	HILLSIDE	MELODY	State	0.35	Town Collector	2.2C	\$0.00	4.1A	\$2.82	N	\$0.00
South	Jamul-Dulzura	JEFFERSON	LYONS VALLEY	OLIVE VISTA	Local	0.06	Light Collector	2.2E	\$0.00	2.2A	\$0.26	Y	\$0.26
South	Jamul-Dulzura	JEFFERSON	OLIVE VISTA	ZONE CONNECTOR	Local	0.18	Light Collector	2.2E	\$0.00	2.2A	\$0.78	N	\$0.00
South	Jamul-Dulzura	JEFFERSON	ZONE CONNECTOR	PROCTOR VALLEY	Local	0.15	Light Collector	2.2E	\$0.00	2.2A	\$0.65	N	\$0.00

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Sub-Region	CPA	Roadway	To	From	Facility Type	Length (Miles)	Existing Cross-Section	Non-TIF Required Classification	Non-TIF Improvement Total Cost (Millions)	ME Classification	ME Improvement Total Cost (Millions)	TIF Eligible?	TIF Cost (Millions)
South	Jamul-Dulzura	LYONS VALLEY	CAMPO	OLIVE VISTA	Local	0.19	Light Collector	2.2B	\$0.76	2.2B	\$0.76	N	\$0.00
South	Jamul-Dulzura	LYONS VALLEY	OLIVE VISTA	JEFFERSON	Local	0.18	Light Collector	2.2B	\$0.72	2.2B	\$0.72	N	\$0.00
South	Jamul-Dulzura	LYONS VALLEY	JEFFERSON	RESERVOIR	Local	0.19	Light Collector	2.2B	\$0.76	2.2B	\$0.76	N	\$0.00
South	Jamul-Dulzura	LYONS VALLEY	RESERVOIR	JAMUL	Local	0.18	Light Collector	2.2B	\$0.72	2.2B	\$0.72	N	\$0.00
South	Jamul-Dulzura	LYONS VALLEY	JAMUL	RIO GRANDE	Local	0.42	Light Collector	2.2B	\$1.67	2.2B	\$1.67	N	\$0.00
South	Jamul-Dulzura	LYONS VALLEY	RIO GRANDE	PEG LEG MINE	Local	0.06	Light Collector	2.2B	\$0.24	2.2B	\$0.24	N	\$0.00
South	Jamul-Dulzura	LYONS VALLEY	PEG LEG MINE	ROCKY SAGE	Local	0.24	Light Collector	2.2B	\$0.96	2.2B	\$0.96	N	\$0.00
South	Jamul-Dulzura	LYONS VALLEY	ROCKY SAGE	SC 760	Local	0.04	Light Collector	2.2B	\$0.16	2.2B	\$0.16	N	\$0.00
South	Jamul-Dulzura	LYONS VALLEY	SC 760	SKYLINE TRUCK	Local	0.12	Light Collector	2.2B	\$0.48	2.2B	\$0.48	N	\$0.00
South	Jamul-Dulzura	LYONS VALLEY	HONEY SPRINGS	BARRETT LAKE	Local	1.70	Light Collector	2.2F	\$0.82	2.2F	\$0.82	N	\$0.00
South	Jamul-Dulzura	LYONS VALLEY	BARRETT LAKE	UNKNOWN	Local	1.74	Light Collector	2.2F	\$0.84	2.2F	\$0.84	N	\$0.00
South	Jamul-Dulzura	LYONS VALLEY	UNKNOWN	UNKNOWN	Local	0.57	Light Collector	2.2F	\$0.28	2.2F	\$0.28	N	\$0.00
South	Jamul-Dulzura	SR-94	CAMPO	CAMPO	State	0.42	Town Collector	4.1B	\$1.57	4.1A	\$3.38	N	\$0.00
South	Jamul-Dulzura	STEELE CANYON	OLD CALIFORNIA	VISTA CIELO	Regional	0.28	Light Collector	2.2E	\$0.00	4.1B	\$1.99	N	\$0.00
South	Jamul-Dulzura	STEELE CANYON	VISTA CIELO	CAMPO	Regional	0.18	Light Collector	2.2E	\$0.00	4.1B	\$1.28	Y	\$1.28
South	Lakeside	ASHWOOD	WILLOW	ZONE CONNECTOR	Regional	0.43	Light Collector	4.1A	\$4.94	4.1A	\$4.94	N	\$0.00
South	Lakeside	ASHWOOD	ZONE CONNECTOR	ZONE CONNECTOR	Regional	0.38	Light Collector	4.1A	\$4.36	4.1A	\$4.36	N	\$0.00
South	Lakeside	ASHWOOD	ZONE CONNECTOR	MAPLEVIEW	Regional	0.18	Light Collector	4.1A	\$2.07	4.1A	\$2.07	N	\$0.00
South	Lakeside	BALLANTYNE	GRAVES	HART	Regional	0.13	Light Collector	2.2E	\$0.00	4.2B	\$0.93	Y	\$0.93
South	Lakeside	BALLANTYNE	HART	BROADWAY	Regional	0.07	Light Collector	2.1A	\$0.29	4.2B	\$0.50	Y	\$0.22
South	Lakeside	BRADLEY	MAGNOLIA	RAMP SR-67 SB	RAS	0.06	Light Collector	4.1B	\$0.43	4.1B	\$0.43	N	\$0.00
South	Lakeside	BRADLEY	RAMP SR-67 SB	RAMP SR-67 NB	RAS	0.08	Light Collector	4.1B	\$0.57	4.1B	\$0.57	N	\$0.00
South	Lakeside	BRADLEY	RAMP SR-67 NB	GRAVES	RAS	0.05	Light Collector	4.1B	\$0.35	4.1B	\$0.35	N	\$0.00
South	Lakeside	BRADLEY	GRAVES	201	RAS	0.11	Light Collector	4.1B	\$0.78	4.1B	\$0.78	N	\$0.00
South	Lakeside	BRADLEY	201	325/360	RAS	0.09	Light Collector	4.1B	\$0.64	4.1B	\$0.64	N	\$0.00
South	Lakeside	BRADLEY	325/360	450/465-MHP/469	RAS	0.12	Light Collector	4.1B	\$0.85	4.1B	\$0.85	N	\$0.00
South	Lakeside	BRADLEY	450/465-MHP/469	MOLLISON	RAS	0.10	Light Collector	4.1B	\$0.71	4.1B	\$0.71	N	\$0.00
South	Lakeside	BRADLEY	UNKNOWN	01ST	RAS	0.12	Light Collector	4.1B	\$0.85	4.1B	\$0.85	N	\$0.00
South	Lakeside	BRADLEY	01ST	SOMERLANE	RAS	0.36	New	4.1B	\$7.48	4.1B	\$7.48	N	\$0.00
South	Lakeside	BROAD OAKS	HAWLEY	SC 1930	Local	0.54	New	2.3C	\$6.48	2.3C	\$6.48	N	\$0.00
South	Lakeside	GRAVES	PEPPER	DANNY	Regional	0.23	Light Collector	4.1B	\$1.63	4.1B	\$1.63	N	\$0.00
South	Lakeside	GRAVES	DANNY	BRADLEY	Regional	0.21	Light Collector	4.1B	\$1.49	4.1B	\$1.49	N	\$0.00
South	Lakeside	I-8 BUSINESS	12970-RANCH VALLEY	LAVALA	Regional	0.15	Light Collector	2.2C	\$0.00	4.2B	\$1.07	Y	\$1.07
South	Lakeside	I-8 BUSINESS	13162(TERRACE VIEW)	12970-RANCH VALLEY	Regional	0.18	Light Collector	2.2C	\$0.00	4.2B	\$1.29	Y	\$1.29
South	Lakeside	I-8 BUSINESS	JACKSON HILL	13162(TERRACE VIEW)	Regional	0.13	Light Collector	2.2C	\$0.00	4.2B	\$0.93	N	\$0.00
South	Lakeside	I-8 BUSINESS	13162	JACKSON HILL	Regional	0.13	Light Collector	2.2E	\$0.00	4.2B	\$0.93	Y	\$0.93
South	Lakeside	I-8 BUSINESS	UNKNOWN	13162	Regional	0.17	Light Collector	2.2E	\$0.00	4.2B	\$1.22	Y	\$1.22
South	Lakeside	I-8 BUSINESS	LOS COCHES/CM CANADA	UNKNOWN	Regional	0.16	Light Collector	2.2E	\$0.00	4.2B	\$1.15	Y	\$1.15
South	Lakeside	I-8 BUSINESS	13439(VONS)	LOS COCHES/CM CANADA	Regional	0.04	Light Collector	2.2E	\$0.00	4.2B	\$0.29	Y	\$0.29
South	Lakeside	I-8 BUSINESS	WAL-MART	13439(VONS)	Regional	0.02	Light Collector	2.2E	\$0.00	4.2B	\$0.14	Y	\$0.14
South	Lakeside	I-8 BUSINESS	13450-LAMPLITER	WAL-MART	Regional	0.02	Light Collector	2.2E	\$0.00	4.2B	\$0.14	Y	\$0.14
South	Lakeside	I-8 BUSINESS	13460-PANARAMA	13450-LAMPLITER	Regional	0.07	Light Collector	2.2E	\$0.00	4.2B	\$0.50	Y	\$0.50
South	Lakeside	I-8 BUSINESS	13468	13460-PANARAMA	Regional	0.14	Light Collector	2.2E	\$0.00	4.2B	\$1.00	Y	\$1.00
South	Lakeside	I-8 BUSINESS	13490	13468	Regional	0.12	Light Collector	2.2E	\$0.00	4.2B	\$0.86	Y	\$0.86
South	Lakeside	I-8 BUSINESS	13545	13490	Regional	0.09	Light Collector	2.2E	\$0.00	4.2B	\$0.64	N	\$0.00
South	Lakeside	I-8 BUSINESS	13594	13545	Regional	0.08	Light Collector	2.2E	\$0.00	4.2B	\$0.57	Y	\$0.57
South	Lakeside	I-8 BUSINESS	13655/LAKE VIEW	13594	Regional	0.14	Light Collector	2.2E	\$0.00	4.2B	\$1.00	N	\$0.00
South	Lakeside	I-8 BUSINESS	13720(TWDW MHP)	13655/LAKE VIEW	Regional	0.14	Light Collector	2.2E	\$0.00	4.2B	\$1.00	Y	\$1.00
South	Lakeside	I-8 BUSINESS	LAKEVIEW/13754	13720(TWDW MHP)	Regional	0.09	Light Collector	2.2E	\$0.00	4.2B	\$0.64	Y	\$0.64
South	Lakeside	I-8 BUSINESS	13792(HILLS MHP)	LAKEVIEW/13754	Regional	0.08	Light Collector	2.2E	\$0.00	4.2B	\$0.57	Y	\$0.57
South	Lakeside	I-8 BUSINESS	PINKARD	13792(HILLS MHP)	Regional	0.15	Light Collector	2.2E	\$0.00	4.2B	\$1.07	Y	\$1.07
South	Lakeside	I-8 BUSINESS	UNKNOWN	PINKARD	Regional	0.08	Light Collector	2.2E	\$0.00	4.2B	\$0.57	Y	\$0.57
South	Lakeside	I-8 BUSINESS	LAKEVIEW FIRE DEPT	UNKNOWN	Regional	0.13	Light Collector	2.2E	\$0.00	4.2B	\$0.93	Y	\$0.93
South	Lakeside	I-8 BUSINESS	UNKNOWN	LAKEVIEW FIRE DEPT	Regional	0.16	Light Collector	2.2E	\$0.00	4.2B	\$1.15	Y	\$1.15
South	Lakeside	I-8 BUSINESS	LAKE JENNINGS PARK	UNKNOWN	Regional	0.17	Light Collector	2.2E	\$0.00	4.2B	\$1.22	Y	\$1.22
South	Lakeside	INDUSTRY	WINTER GARDENS	MAPLEVIEW	Regional	0.06	Light Collector	2.2E	\$0.00	4.1A	\$0.69	Y	\$0.69
South	Lakeside	LAKE JENNINGS PARK	MAPLEVIEW	PINO	RAS	0.16	Collector	4.1B	\$0.00	4.1A	\$0.75	Y	\$0.75
South	Lakeside	LAKE JENNINGS PARK	PINO	WINCHESTER	RAS	0.32	Collector	4.1B	\$0.00	4.1A	\$1.51	Y	\$1.51
South	Lakeside	LAKE JENNINGS PARK	WINCHESTER	EL MONTE	RAS	0.31	Collector	4.1B	\$0.00	4.1A	\$1.46	Y	\$1.46
South	Lakeside	LAKE JENNINGS PARK	EL MONTE	ZONE CONNECTOR	RAS	0.50	Light Collector	4.1B	\$3.55	4.1B	\$3.55	N	\$0.00

Appendix E -Mobility Element Improvements Costs for Both TIF and Non-TIF Improvements

Sub-Region	CPA	Roadway	To	From	Facility Type	Length (Miles)	Existing Cross-Section	Non-TIF Required Classification	Non-TIF Improvement Total Cost (Millions)	ME Classification	ME Improvement Total Cost (Millions)	TIF Eligible?	TIF Cost (Millions)
South	Lakeside	LAKE JENNINGS PARK	ZONE CONNECTOR	AMERICAN	RAS	0.37	Light Collector	4.1B	\$2.63	4.1B	\$2.63	N	\$0.00
South	Lakeside	LAKE JENNINGS PARK	AMERICAN	PINKARD	RAS	0.50	Light Collector	4.1B	\$3.55	4.1B	\$3.55	N	\$0.00
South	Lakeside	LAKE JENNINGS PARK	PINKARD	HARRITT	RAS	0.10	Light Collector	4.1B	\$0.71	4.1B	\$0.71	N	\$0.00
South	Lakeside	LAKE JENNINGS PARK	HARRITT	JENNINGS VISTA	RAS	0.03	Light Collector	4.1B	\$0.21	4.1B	\$0.21	N	\$0.00
South	Lakeside	LAKE JENNINGS PARK	JENNINGS VISTA	HWY 8/BLOSSOM VALLEY	RAS	0.08	Light Collector	4.1B	\$0.57	4.1B	\$0.57	N	\$0.00
South	Lakeside	LAKE JENNINGS PARK	HWY 8/BLOSSOM VALLEY	RAMP I-8 WB	RAS	0.05	Light Collector	4.1B	\$0.35	4.1B	\$0.35	N	\$0.00
South	Lakeside	LAKE JENNINGS PARK	RAMP I-8 WB	RAMP I-8 WB	RAS	0.03	Light Collector	4.1B	\$0.21	4.1B	\$0.21	N	\$0.00
South	Lakeside	LAKE JENNINGS PARK	RAMP I-8 WB	SIERRA ALTA	RAS	0.04	Light Collector	4.1B	\$0.28	4.1B	\$0.28	N	\$0.00
South	Lakeside	MAGNOLIA	AIRPORT	1681	Regional	0.15	Light Collector	4.1B	\$1.06	4.1B	\$1.06	N	\$0.00
South	Lakeside	MAGNOLIA	1681	DENNY	Regional	0.12	Light Collector	4.1B	\$0.85	4.1B	\$0.85	N	\$0.00
South	Lakeside	MAGNOLIA	BRADLEY	CYPRESS	Regional	0.15	Light Collector	4.1B	\$1.06	4.1B	\$1.06	N	\$0.00
South	Lakeside	MAGNOLIA	CYPRESS	UNKNOWN	Regional	0.17	Light Collector	4.1B	\$1.21	4.1B	\$1.21	N	\$0.00
South	Lakeside	MAGNOLIA	UNKNOWN	VERNON	Regional	0.14	Light Collector	4.1B	\$0.99	4.1B	\$0.99	N	\$0.00
South	Lakeside	MAPLEVIEW	ZONE CONNECTOR	INDUSTRY	Regional	0.15	New	2.2E	\$1.93	4.1A	\$3.44	Y	\$1.51
South	Lakeside	MAPLEVIEW	CHANNEL	ZONE CONNECTOR	Regional	0.24	New	2.2E	\$3.09	4.1A	\$5.50	N	\$0.00
South	Lakeside	MAPLEVIEW	CHANNEL	RAMP SR-67 SB	Regional	0.17	Light Collector	2.2C	\$0.00	4.1A	\$1.95	Y	\$1.95
South	Lakeside	MAPLEVIEW	RAMP SR-67 SB	UNKNOWN	RAS	0.03	Light Collector	4.1A	\$0.34	4.1A	\$0.34	N	\$0.00
South	Lakeside	MAPLEVIEW	UNKNOWN	UNKNOWN	RAS	0.02	Light Collector	4.1A	\$0.23	4.1A	\$0.23	N	\$0.00
South	Lakeside	MAPLEVIEW	UNKNOWN	MAINE	RAS	0.03	Light Collector	4.1A	\$0.34	4.1A	\$0.34	N	\$0.00
South	Lakeside	MAPLEVIEW	UNKNOWN	VINE	RAS	0.04	Light Collector	4.1A	\$0.46	4.1A	\$0.46	N	\$0.00
South	Lakeside	MAPLEVIEW	VINE	UNKNOWN	RAS	0.15	Collector	4.1A	\$0.71	4.1A	\$0.71	N	\$0.00
South	Lakeside	MAPLEVIEW	UNKNOWN	ASHWOOD	RAS	0.08	Collector	4.1A	\$0.38	4.1A	\$0.38	N	\$0.00
South	Lakeside	MAPLEVIEW	ASHWOOD	-12823/12840-APTS	RAS	0.32	Collector	4.1B	\$0.00	4.1A	\$1.51	Y	\$1.51
South	Lakeside	MAST	LOS RANCHITOS	UNNAMED LKS	Regional	0.14	New	2.1A	\$1.98	4.1B	\$2.91	N	\$0.00
South	Lakeside	MAST	UNNAMED LKS	UNKNOWN	Regional	0.22	New	2.1A	\$3.10	4.1B	\$4.57	N	\$0.00
South	Lakeside	MAST	UNKNOWN	RIVERFORD	Regional	0.24	New	2.1A	\$3.39	4.1B	\$4.98	N	\$0.00
South	Lakeside	OLDE 80	RAMP I-8 EB	PECAN PARK	Regional	0.03	Light Collector	4.1B	\$0.21	4.1B	\$0.21	N	\$0.00
South	Lakeside	OLDE 80	PECAN PARK	PECAN PARK	Regional	0.30	Light Collector	4.1B	\$2.13	4.1B	\$2.13	N	\$0.00
South	Lakeside	OLDE 80	PECAN PARK	14315/14328	Regional	0.07	Light Collector	4.1B	\$0.50	4.1B	\$0.50	N	\$0.00
South	Lakeside	OLDE 80	14315/14328	BOND	Regional	0.08	Light Collector	4.1B	\$0.57	4.1B	\$0.57	N	\$0.00
South	Lakeside	OLDE 80	BOND	ZONE CONNECTOR	Regional	0.20	Light Collector	4.1B	\$1.42	4.1B	\$1.42	N	\$0.00
South	Lakeside	OLDE 80	ZONE CONNECTOR	CHIMNEY ROCK	Regional	0.09	Light Collector	4.1B	\$0.64	4.1B	\$0.64	N	\$0.00
South	Lakeside	OLDE 80	CHIMNEY ROCK	UNKNOWN	Regional	0.21	Light Collector	2.2E	\$0.00	4.1B	\$1.49	Y	\$1.49
South	Lakeside	OLDE 80	UNKNOWN	MARINA SPRINGS	Regional	0.18	Light Collector	2.2E	\$0.00	4.1B	\$1.28	Y	\$1.28
South	Lakeside	OLDE 80	MARINA SPRINGS	LABRADOR	Local	0.24	Light Collector	2.2E	\$0.00	2.2B	\$0.96	N	\$0.00
South	Lakeside	OLDE 80	LABRADOR	FLINN SPRINGS	Local	0.45	Light Collector	2.2E	\$0.00	2.2B	\$1.79	N	\$0.00
South	Lakeside	OLDE 80	FLINN SPRINGS	15141 HOLIDAY R	Local	0.15	Light Collector	2.2E	\$0.00	2.2B	\$0.60	N	\$0.00
South	Lakeside	OLDE 80	15141 HOLIDAY R	15353/OAK CREEK	Local	0.43	Light Collector	2.2E	\$0.00	2.2B	\$1.71	N	\$0.00
South	Lakeside	OLDE 80	15353/OAK CREEK	15405/15420(MHP)	Local	0.12	Light Collector	2.2E	\$0.00	2.2B	\$0.48	Y	\$0.48
South	Lakeside	OLDE 80	15405/15420(MHP)	HAWLEY	Local	0.37	Light Collector	2.2E	\$0.00	2.2B	\$1.47	Y	\$1.47
South	Lakeside	OLDE 80	HAWLEY	SILVA	Local	0.54	Light Collector	2.2E	\$0.00	2.2B	\$2.15	Y	\$2.15
South	Lakeside	OLDE 80	SILVA	DUNBAR	Local	0.08	Light Collector	2.2E	\$0.00	2.2B	\$0.32	Y	\$0.32
South	Lakeside	PEPPER	SOMERLANE	02ND/WINTER GARDENS	RAS	0.16	Light Collector	4.1B	\$1.14	4.1B	\$1.14	N	\$0.00
South	Lakeside	PEPPER	SOMERLANE	02ND/WINTER GARDENS	RAS	0.09	Light Collector	4.1B	\$0.64	4.1B	\$0.64	N	\$0.00
South	Lakeside	RIVERFORD	RIVERSIDE/MAST	UNKNOWN	Regional	0.10	Town Collector	4.1B	\$0.37	6.2	\$2.27	N	\$0.00
South	Lakeside	RIVERFORD	UNKNOWN	WOODSIDE(N)	Regional	0.22	Town Collector	4.1B	\$0.82	6.2	\$5.00	Y	\$4.17
South	Lakeside	RIVERFORD	WOODSIDE(N)	RAMP SR-67 SB	Regional	0.04	Town Collector	4.1B	\$0.15	6.2	\$0.91	Y	\$0.76
South	Lakeside	RIVERFORD	RAMP SR-67 SB	WOODSIDE	Regional	0.09	Town Collector	2.1A	\$0.08	4.1B	\$0.34	Y	\$0.26
South	Lakeside	RIVERSIDE	PALM ROW	PALM ROW	Regional	0.28	Light Collector	4.1B	\$1.99	4.1B	\$1.99	N	\$0.00
South	Lakeside	RIVERSIDE	PALM ROW	VISTA CAMINO	Regional	0.21	Light Collector	4.1B	\$1.49	4.1B	\$1.49	N	\$0.00
South	Lakeside	RIVERSIDE	VISTA CAMINO	CHARLESTON BAY	Regional	0.18	Light Collector	2.2C	\$0.00	4.1B	\$1.28	Y	\$1.28
South	Lakeside	RIVERSIDE	CHARLESTON BAY	VALLE VISTA BYPASS	Regional	0.14	Light Collector	2.2C	\$0.00	4.1B	\$0.99	Y	\$0.99
South	Lakeside	RIVERSIDE	VALLE VISTA BYPASS	VALLE VISTA BYPASS	Regional	0.04	Light Collector	2.2C	\$0.00	4.1B	\$0.28	Y	\$0.28
South	Lakeside	RIVERSIDE	VALLE VISTA BYPASS	LAKESIDE	Regional	0.14	Light Collector	2.2C	\$0.00	4.1B	\$0.99	Y	\$0.99
South	Lakeside	SIERRA ALTA	RAMP I-8 EB	OLDE 80	RAS	0.03	Light Collector	2.2E	\$0.00	4.1B	\$0.21	Y	\$0.21
South	Lakeside	SIERRA ALTA	RAMP I-8 EB	RAMP I-8 EB	RAS	0.03	Light Collector	2.2E	\$0.00	4.1B	\$0.21	Y	\$0.21
South	Lakeside	SIERRA ALTA	LAKE JENNINGS PARK	RAMP I-8 EB	RAS	0.03	Light Collector	4.1B	\$0.21	4.1B	\$0.21	N	\$0.00
South	Lakeside	SR-67	SCRIPPS POWAY	SYCAMORE PARK	State	0.69	Town Collector	4.1A	\$5.56	4.1A	\$5.56	N	\$0.00
South	Lakeside	SR-67	SYCAMORE PARK	UNKNOWN	State	0.39	Town Collector	4.1A	\$3.14	4.1A	\$3.14	N	\$0.00
South	Lakeside	SR-67	UNKNOWN	UNKNOWN	State	1.12	Town Collector	4.1A	\$9.02	4.1A	\$9.02	N	\$0.00

Appendix E -Mobility Element Improvements Costs for Both TIF and Non-TIF Improvements

Sub-Region	CPA	Roadway	To	From	Facility Type	Length (Miles)	Existing Cross-Section	Non-TIF Required Classification	Non-TIF Improvement Total Cost (Millions)	ME Classification	ME Improvement Total Cost (Millions)	TIF Eligible?	TIF Cost (Millions)
South	Lakeside	SR-67	SLAUGHTERHOUSE CNYN	VIGILANTE	State	0.23	Light Collector	4.1A	\$2.64	4.1A	\$2.64	N	\$0.00
South	Lakeside	SR-67	VIGILANTE	UNKNOWN	State	0.24	Light Collector	4.1A	\$2.76	4.1A	\$2.76	N	\$0.00
South	Lakeside	SR-67	UNKNOWN	JOHNSON LAKE	State	0.35	Light Collector	4.1A	\$4.02	4.1A	\$4.02	N	\$0.00
South	Lakeside	SR-67	JOHNSON LAKE	POST HILL	State	0.70	Light Collector	4.1A	\$8.04	4.1A	\$8.04	N	\$0.00
South	Lakeside	SR-67	POST HILL	ZONE CONNECTOR	State	0.62	Light Collector	4.1A	\$7.12	4.1A	\$7.12	N	\$0.00
South	Lakeside	SR-67	ZONE CONNECTOR	UNKNOWN	State	0.40	Light Collector	4.1A	\$4.59	4.1A	\$4.59	N	\$0.00
South	Lakeside	SR-67	UNKNOWN	WILLOW	State	0.13	Light Collector	4.1A	\$1.49	4.1A	\$1.49	N	\$0.00
South	Lakeside	SR-67	WILLOW	UNKNOWN	State	0.15	New	4.1A	\$3.44	4.1A	\$3.44	N	\$0.00
South	Lakeside	SR-67	UNKNOWN	UNKNOWN	State	0.38	Light Collector	4.1A	\$4.36	4.1A	\$4.36	N	\$0.00
South	Lakeside	UNNAMED LKS	EL NOPAL	MAST	Local	0.24	New	2.2E	\$3.09	2.2E	\$3.09	N	\$0.00
South	Lakeside	WILLOW NEW	WILLOW	LAKESIDE	RAS	0.32	New	2.2E	\$4.12	2.2E	\$4.12	N	\$0.00
South	Lakeside	WINTER GARDENS	INDUSTRY	RAMP	Regional	0.03	Collector	4.1B	\$0.00	4.1A	\$0.14	Y	\$0.14
South	Lakeside	WINTER GARDENS	RAMP	RAMP SR-67 SB	RAS	0.01	Collector	4.1B	\$0.00	4.1A	\$0.05	Y	\$0.05
South	Lakeside	WINTER GARDENS	RAMP SR-67 SB	RAMP SR-67 SB	RAS	0.03	Collector	4.1B	\$0.00	4.1A	\$0.14	Y	\$0.14
South	Lakeside	WINTER GARDENS	RAMP SR-67 SB	RAMP SR-67 NB	RAS	0.10	Collector	4.1B	\$0.00	4.1A	\$0.47	Y	\$0.47
South	Lakeside	WINTER GARDENS	RAMP SR-67 NB	WOODSIDE	RAS	0.09	Collector	4.1B	\$0.00	4.1A	\$0.42	Y	\$0.42
South	Lakeside	WINTER GARDENS	LEMON CREST	ZONE CONNECTOR	RAS	0.12	Collector	4.1B	\$0.00	4.1A	\$0.57	Y	\$0.57
South	Lakeside	WINTER GARDENS	ZONE CONNECTOR	ROCKCREST	RAS	0.09	Collector	4.1B	\$0.00	4.1A	\$0.42	Y	\$0.42
South	Lakeside	WINTER GARDENS	ROCKCREST	FAIR	RAS	0.39	Collector	4.1B	\$0.00	4.1A	\$1.84	Y	\$1.84
South	Lakeside	WINTER GARDENS	FAIR	GAY RIO	RAS	0.16	Collector	4.1B	\$0.00	4.1A	\$0.75	Y	\$0.75
South	Lakeside	WINTER GARDENS	GAY RIO	CREEKFORD	RAS	0.03	Collector	4.1B	\$0.00	4.1A	\$0.14	Y	\$0.14
South	Lakeside	WINTER GARDENS	CREEKFORD	8755/8760	RAS	0.19	Collector	4.1B	\$0.00	4.1A	\$0.90	Y	\$0.90
South	Lakeside	WINTER GARDENS	8755/8760	8661-MHP	RAS	0.10	Collector	4.1B	\$0.00	4.1A	\$0.47	Y	\$0.47
South	Lakeside	WINTER GARDENS	8661-MHP	SAPOTA	RAS	0.21	Collector	4.1B	\$0.00	4.1A	\$0.99	Y	\$0.99
South	Lakeside	WINTER GARDENS	SAPOTA	GOLDEN RIDGE	RAS	0.13	Collector	4.1B	\$0.00	4.1A	\$0.61	Y	\$0.61
South	Lakeside	WINTER GARDENS	GOLDEN RIDGE	SHORT/ORCHARD	RAS	0.24	Collector	4.1B	\$0.00	4.1A	\$1.13	Y	\$1.13
South	Lakeside	WINTER GARDENS	SHORT/ORCHARD	ROYAL	RAS	0.13	Collector	4.1B	\$0.00	4.1A	\$0.61	Y	\$0.61
South	Lakeside	WINTER GARDENS	ROYAL	PEPPER	RAS	0.24	Collector	4.1B	\$0.00	4.1A	\$1.13	Y	\$1.13
South	Lakeside	WOODSIDE	SECURITY	RAMP SR-67 NB	Regional	0.03	Light Collector	4.2A	\$0.33	4.2A	\$0.33	N	\$0.00
South	Lakeside	WOODSIDE	RAMP SR-67 NB	RIVERFORD	Regional	0.06	Light Collector	4.2A	\$0.66	4.2A	\$0.66	N	\$0.00
South	Lakeside	WOODSIDE	RIVERFORD	RAMP SR-67 NB	Regional	0.06	Light Collector	2.1A	\$0.24	4.2A	\$0.66	N	\$0.00
South	Lakeside	WOODSIDE	RAMP SR-67 NB	UNKNOWN	Regional	0.19	Light Collector	2.1A	\$0.78	4.2A	\$2.10	N	\$0.00
South	Lakeside	WOODSIDE	UNKNOWN	MARILLA	Regional	0.11	Light Collector	2.1A	\$0.45	4.2A	\$1.21	Y	\$0.76
South	Lakeside	WOODSIDE	MARILLA	UNKNOWN	Regional	0.10	Light Collector	2.2E	\$0.00	4.2A	\$1.10	Y	\$1.10
South	Lakeside	WOODSIDE	UNKNOWN	RIVERVIEW	Regional	0.11	Light Collector	2.2E	\$0.00	4.2A	\$1.21	Y	\$1.21
South	Lakeside	WOODSIDE	RIVERVIEW	11980/12001-APTS	Regional	0.18	Light Collector	2.2E	\$0.00	4.2A	\$1.99	Y	\$1.99
South	Lakeside	WOODSIDE	11980/12001-APTS	WINTER GARDENS	Regional	0.17	Light Collector	2.2E	\$0.00	4.2A	\$1.88	Y	\$1.88
South	Otay	AIRWAY	FARADAY	ENRICO FERMI	Regional	0.24	Light Collector	2.2E	\$0.00	4.1A	\$2.76	N	\$0.00
South	Otay	AIRWAY	ENRICO FERMI	UNKNOWN	Regional	0.26	New	2.2E	\$3.35	4.1A	\$5.96	N	\$0.00
South	Otay	AIRWAY	UNKNOWN	ALTA	Regional	0.25	New	2.2E	\$3.22	4.1A	\$5.73	N	\$0.00
South	Otay	AIRWAY	ALTA	LOOP	Regional	0.35	New	2.2E	\$4.51	4.1A	\$8.02	N	\$0.00
South	Otay	ALTA	LONE STAR	OTAY MESA	Regional	0.29	Light Collector	2.2E	\$0.00	4.1A	\$3.33	N	\$0.00
South	Otay	ALTA	OTAY MESA	ZONE CONNECTOR	Regional	0.15	New	2.2E	\$1.93	4.1A	\$3.44	N	\$0.00
South	Otay	ALTA	ZONE CONNECTOR	ZONE CONNECTOR	Regional	0.22	New	2.2E	\$2.84	4.1A	\$5.04	N	\$0.00
South	Otay	ALTA	ZONE CONNECTOR	AIRWAY	Regional	0.13	New	2.2E	\$1.68	4.1A	\$2.98	N	\$0.00
South	Otay	ALTA	AIRWAY	UNKNOWN	Regional	0.10	New	2.2E	\$1.29	4.1A	\$2.29	N	\$0.00
South	Otay	ALTA	UNKNOWN	SIEMPRE VIVA	Regional	0.13	New	2.2E	\$1.68	4.1A	\$2.98	N	\$0.00
South	Otay	ENRICO FERMI	OTAY MESA	LONE STAR	Regional	0.30	Light Collector	2.2E	\$0.00	4.1A	\$3.44	N	\$0.00
South	Otay	ENRICO FERMI	OTAY MESA	ZONE CONNECTOR	Regional	0.10	Town Collector	4.1B	\$0.37	4.1A	\$0.81	N	\$0.00
South	Otay	ENRICO FERMI	ZONE CONNECTOR	RAMP SR-11 WB	Regional	0.10	Town Collector	4.1B	\$0.37	4.1A	\$0.81	N	\$0.00
South	Otay	ENRICO FERMI	RAMP SR-11 WB	RAMP SR-11 EB	Regional	0.09	Town Collector	4.1B	\$0.34	4.1A	\$0.73	N	\$0.00
South	Otay	ENRICO FERMI	RAMP SR-11 EB	ZONE CONNECTOR	Regional	0.09	Town Collector	2.2C	\$0.00	4.1A	\$0.73	N	\$0.00
South	Otay	ENRICO FERMI	ZONE CONNECTOR	AIRWAY	Regional	0.12	Town Collector	2.2C	\$0.00	4.1A	\$0.97	N	\$0.00
South	Otay	ENRICO FERMI	AIRWAY	SIEMPRE VIVA	Regional	0.23	Town Collector	2.2C	\$0.00	4.1A	\$1.85	N	\$0.00
South	Otay	LA MEDIA	ZONE CONNECTOR	LONESTAR	Regional	0.32	New	6.2	\$10.09	6.2	\$10.09	N	\$0.00
South	Otay	LONE STAR	PASEO DE LAS AMERICA	FARADAY	RAS	0.20	New	2.2E	\$2.58	4.1A	\$4.58	N	\$0.00
South	Otay	LONE STAR	FARADAY	ENRICO FERMI	RAS	0.25	New	2.2E	\$3.22	4.1A	\$5.73	N	\$0.00
South	Otay	LONE STAR	ENRICO FERMI	ZONE CONNECTOR	RAS	0.24	New	2.2E	\$3.09	4.1A	\$5.50	N	\$0.00
South	Otay	LONE STAR	ZONE CONNECTOR	ALTA	RAS	0.27	New	2.2E	\$3.48	4.1A	\$6.19	N	\$0.00
South	Otay	LONESTAR	PIPER RANCH	NEW HARVEST	RAS	0.10	New	2.2E	\$1.29	6.2	\$3.15	N	\$0.00

Appendix E -Mobility Element Improvements Costs for Both TIF and Non-TIF Improvements

Sub-Region	CPA	Roadway	To	From	Facility Type	Length (Miles)	Existing Cross-Section	Non-TIF Required Classification	Non-TIF Improvement Total Cost (Millions)	ME Classification	ME Improvement Total Cost (Millions)	TIF Eligible?	TIF Cost (Millions)
South	Otay	LONESTAR	NEW HARVEST	NATIONAL UNIVERSITY	RAS	0.10	New	2.2E	\$1.29	4.1A	\$2.29	N	\$0.00
South	Otay	LONESTAR	NATIONAL UNIVERSITY	HARVEST	RAS	0.09	New	2.2E	\$1.16	4.1A	\$2.06	N	\$0.00
South	Otay	LONESTAR	HARVEST	HARVEST	RAS	0.09	New	2.2E	\$1.16	4.1A	\$2.06	N	\$0.00
South	Otay	LONESTAR	HARVEST	SANYO	RAS	0.40	New	2.2E	\$5.15	4.1A	\$9.17	N	\$0.00
South	Otay	LONESTAR	SANYO	PASEO DE LAS AMERICA	RAS	0.27	New	2.2E	\$3.48	4.1A	\$6.19	N	\$0.00
South	Otay	LOOP	ALTA	ZONE CONNECTOR	Regional	0.20	Town Collector	2.2C	\$0.00	4.1A	\$1.61	N	\$0.00
South	Otay	LOOP	ZONE CONNECTOR	OTAY MESA	Regional	0.26	Town Collector	2.2C	\$0.00	4.1A	\$2.09	N	\$0.00
South	Otay	LOOP	SIEMPRE VIVA	ZONE CONNECTOR	Regional	0.18	New	2.2E	\$2.32	4.1A	\$4.13	N	\$0.00
South	Otay	LOOP	ZONE CONNECTOR	AIRWAY	Regional	0.16	New	2.2E	\$2.06	4.1A	\$3.67	N	\$0.00
South	Otay	LOOP	AIRWAY	RAMP SR-11 EB	Regional	0.08	New	2.2E	\$1.03	4.1A	\$1.83	N	\$0.00
South	Otay	LOOP	RAMP SR-11 EB	RAMP SR-11 WB	Regional	0.09	New	2.2E	\$1.16	4.1A	\$2.06	N	\$0.00
South	Otay	LOOP	RAMP SR-11 WB	ZONE CONNECTOR	Regional	0.09	New	2.2E	\$1.16	4.1A	\$2.06	N	\$0.00
South	Otay	LOOP	OTAY MESA	ZONE CONNECTOR	Regional	0.47	New	2.2E	\$6.06	4.1A	\$10.77	N	\$0.00
South	Otay	NEW HARVEST	LONESTAR	UNKNOWN	Regional	0.13	New	2.2E	\$1.68	4.1A	\$2.98	N	\$0.00
South	Otay	NEW HARVEST	UNKNOWN	UNNAMED	Regional	0.09	New	2.2E	\$1.16	4.1A	\$2.06	N	\$0.00
South	Otay	NEW HARVEST	UNNAMED	UNKNOWN	Regional	0.20	New	2.2E	\$2.58	4.1A	\$4.58	N	\$0.00
South	Otay	NEW HARVEST	UNKNOWN	HARVEST	Regional	0.12	New	2.2E	\$1.55	4.1A	\$2.75	N	\$0.00
South	Otay	NEW HARVEST	HARVEST	UNNAMED	Regional	0.13	New	2.2E	\$1.68	4.1A	\$2.98	N	\$0.00
South	Otay	NEW HARVEST	UNNAMED	HARVEST	Regional	0.20	New	2.2E	\$2.58	4.1A	\$4.58	N	\$0.00
South	Otay	OTAY LAKES	UNKNOWN	UNKNOWN	RAS	0.26	Light Collector	2.2E	\$0.00	4.1B	\$1.85	Y	\$1.85
South	Otay	OTAY LAKES	WUESTE	UNKNOWN	RAS	0.14	Light Collector	2.2E	\$0.00	4.1B	\$0.99	Y	\$0.99
South	Otay	OTAY LAKES	UNKNOWN	ZONE CONNECTOR	RAS	0.82	Light Collector	2.2E	\$0.00	4.1B	\$5.82	Y	\$5.82
South	Otay	OTAY LAKES	ZONE CONNECTOR	UNKNOWN	RAS	0.89	Light Collector	2.2E	\$0.00	4.1B	\$6.32	Y	\$6.32
South	Otay	OTAY MESA	SANYO	PASEO DE LAS AMERICA	RAS	0.06	Light Collector	4.1B	\$0.43	6.2	\$1.45	N	\$0.00
South	Otay	OTAY MESA	PASEO DE LAS AMERICA	FARADAY	RAS	0.20	Light Collector	4.1B	\$1.42	6.2	\$4.84	N	\$0.00
South	Otay	OTAY MESA	FARADAY	ENRICO FERMI	RAS	0.23	Light Collector	4.1B	\$1.63	6.2	\$5.56	N	\$0.00
South	Otay	OTAY MESA	ENRICO FERMI	BONITA VISTA HIGH	RAS	0.27	Light Collector	2.2C	\$0.00	4.1A	\$3.10	N	\$0.00
South	Otay	OTAY MESA	BONITA VISTA HIGH	ALTA	RAS	0.24	Light Collector	2.2C	\$0.00	4.1A	\$2.76	N	\$0.00
South	Otay	OTAY MESA	ALTA	LOOP	RAS	0.27	New	2.2E	\$3.48	4.1A	\$6.19	N	\$0.00
South	Otay	SIEMPRE VIVA	ENRICO FERMI	BASE STABLES	RAS	0.28	New	2.2E	\$3.61	4.1A	\$6.42	N	\$0.00
South	Otay	SIEMPRE VIVA	BASE STABLES	LOOP	RAS	0.23	New	2.2E	\$2.96	4.1A	\$5.27	N	\$0.00
South	Spring Valley	CAMPO	BROADWAY	RAMP SR-125 NB	RAS	0.07	Collector	4.1B	\$0.00	4.1A	\$0.33	Y	\$0.33
South	Spring Valley	CAMPO	RAMP SR-125 NB	KENWOOD	RAS	0.08	Light Collector	2.2E	\$0.00	4.1A	\$0.92	Y	\$0.92
South	Spring Valley	CAMPO	KENWOOD	TERRACE	RAS	0.14	Light Collector	2.2E	\$0.00	4.1A	\$1.61	Y	\$1.61
South	Spring Valley	CAMPO	CAMPO/SWEETWATER SPN	SWEETWATER SPRINGS	RAS	0.09	Collector	4.1B	\$0.00	4.1A	\$0.42	Y	\$0.42
South	Spring Valley	JAMACHA BOULEVARD	ZONE CONNECTOR	PARADISE VALLEY	RAS	0.14	Collector	4.1A	\$0.66	4.1A	\$0.66	N	\$0.00
South	Spring Valley	JAMACHA BOULEVARD	THAYER	ZONE CONNECTOR	RAS	0.17	Collector	4.1A	\$0.80	4.1A	\$0.80	N	\$0.00
South	Spring Valley	JAMACHA BOULEVARD	KEMPTON	THAYER	RAS	0.15	Collector	4.1A	\$0.71	4.1A	\$0.71	N	\$0.00
South	Spring Valley	JAMACHA BOULEVARD	SACRAMENTO	KEMPTON	RAS	0.18	Collector	4.1A	\$0.85	4.1A	\$0.85	N	\$0.00
South	Spring Valley	JAMACHA BOULEVARD	GRAND	SACRAMENTO	RAS	0.07	Collector	4.1A	\$0.33	4.1A	\$0.33	N	\$0.00
South	Spring Valley	JAMACHA BOULEVARD	RAMONA	GRAND	RAS	0.15	Collector	4.1A	\$0.71	4.1A	\$0.71	N	\$0.00
South	Spring Valley	JAMACHA BOULEVARD	LA PRESA	RAMONA	RAS	0.10	Collector	4.1A	\$0.47	4.1A	\$0.47	N	\$0.00
South	Spring Valley	JAMACHA BOULEVARD	SAN JUAN	LA PRESA	RAS	0.14	Town Collector	4.1B	\$0.52	4.1A	\$1.13	Y	\$0.60
South	Spring Valley	JAMACHA BOULEVARD	SAN MIGUEL	SAN JUAN	RAS	0.05	Town Collector	4.1B	\$0.19	4.1A	\$0.40	Y	\$0.22
South	Spring Valley	JAMACHA BOULEVARD	SAN DIEGO	SAN MIGUEL	RAS	0.17	Town Collector	4.1B	\$0.64	4.1A	\$1.37	Y	\$0.73
South	Spring Valley	JAMACHA BOULEVARD	OMEGA	SAN DIEGO	RAS	0.15	Town Collector	4.1B	\$0.56	4.1A	\$1.21	Y	\$0.65
South	Spring Valley	JAMACHA BOULEVARD	MAYA	OMEGA	RAS	0.39	Town Collector	4.1B	\$1.46	4.1A	\$3.14	Y	\$1.69
South	Spring Valley	JAMACHA BOULEVARD	WHITESTONE	MAYA	RAS	0.30	Town Collector	4.1B	\$1.12	4.1A	\$2.42	Y	\$1.30
South	Spring Valley	JAMACHA BOULEVARD	SPRING GLEN	WHITESTONE	RAS	0.32	Town Collector	4.1B	\$1.20	4.1A	\$2.58	Y	\$1.38
South	Spring Valley	JAMACHA BOULEVARD	JAMACHA	SPRING GLEN	RAS	0.09	Town Collector	4.1B	\$0.34	4.1A	\$0.73	Y	\$0.39
South	Spring Valley	JAMACHA BOULEVARD	RAMP	JAMACHA	RAS	0.13	Town Collector	4.1B	\$0.49	4.1A	\$1.05	N	\$0.00
South	Spring Valley	JAMACHA BOULEVARD	SWEETWATER SPRINGS	RAMP	RAS	0.26	Town Collector	4.1B	\$0.97	4.1A	\$2.09	N	\$0.00
South	Spring Valley	JAMACHA BOULEVARD	RAMP	SWEETWATER SPRINGS	RAS	0.09	Collector	4.1B	\$0.00	4.1A	\$0.42	Y	\$0.42
South	Spring Valley	JAMACHA BOULEVARD	10707 MHP	RAMP	RAS	0.25	Collector	4.1B	\$0.00	4.1A	\$1.18	Y	\$1.18
South	Spring Valley	JAMACHA BOULEVARD	CALAVO/DOUBLETREE	10707 MHP	RAS	0.26	Collector	4.1B	\$0.00	4.1A	\$1.23	Y	\$1.23
South	Spring Valley	JAMACHA BOULEVARD	TRACE	CALAVO/DOUBLETREE	RAS	0.21	Collector	4.1B	\$0.00	4.1A	\$0.99	Y	\$0.99
South	Spring Valley	JAMACHA BOULEVARD	SR-54	TRACE	RAS	0.08	Collector	4.1B	\$0.00	4.1A	\$0.38	Y	\$0.38
South	Spring Valley	SWEETWATER SPRINGS	RAMP SR-94 EB	CAMPO	RAS	0.05	Collector	4.1B	\$0.00	4.1A	\$0.24	Y	\$0.24
South	Spring Valley	SWEETWATER SPRINGS	CAMPO	DEL RIO	RAS	0.08	Collector	4.1B	\$0.00	4.1A	\$0.38	Y	\$0.38
South	Spring Valley	SWEETWATER SPRINGS	DEL RIO	DON PICO	RAS	0.06	Collector	4.1B	\$0.00	4.1A	\$0.28	Y	\$0.28

Appendix E -Mobility Element Improvements Costs for Both TIF and Non-TIF Improvements

Sub-Region	CPA	Roadway	To	From	Facility Type	Length (Miles)	Existing Cross-Section	Non-TIF Required Classification	Non-TIF Improvement Total Cost (Millions)	ME Classification	ME Improvement Total Cost (Millions)	TIF Eligible?	TIF Cost (Millions)
South	Spring Valley	SWEETWATER SPRINGS	DON PICO	CRISTOBAL	RAS	0.08	Collector	4.1B	\$0.00	4.1A	\$0.38	Y	\$0.38
South	Spring Valley	SWEETWATER SPRINGS	CRISTOBAL	ROTHGARD	RAS	0.13	Collector	4.1B	\$0.00	4.1A	\$0.61	Y	\$0.61
South	Spring Valley	SWEETWATER SPRINGS	ROTHGARD	LOMA	RAS	0.14	Collector	4.1B	\$0.00	4.1A	\$0.66	Y	\$0.66
South	Spring Valley	SWEETWATER SPRINGS	LOMA	MONTE VISTA HIGH	RAS	0.06	Collector	4.1B	\$0.00	4.1A	\$0.28	Y	\$0.28
South	Spring Valley	SWEETWATER SPRINGS	MONTE VISTA HIGH	UNKNOWN	RAS	0.07	Collector	4.1B	\$0.00	4.1A	\$0.33	Y	\$0.33
South	Spring Valley	SWEETWATER SPRINGS	UNKNOWN	MOORPARK	RAS	0.11	Collector	4.1B	\$0.00	4.1A	\$0.52	Y	\$0.52
South	Spring Valley	SWEETWATER SPRINGS	MOORPARK	AUSTIN	RAS	0.14	Collector	4.1B	\$0.00	4.1A	\$0.66	Y	\$0.66
South	Spring Valley	SWEETWATER SPRINGS	AUSTIN	CALLE MARINER	RAS	0.12	Collector	4.1B	\$0.00	4.1A	\$0.57	Y	\$0.57
South	Spring Valley	SWEETWATER SPRINGS	CALLE MARINER	RAMP	RAS	0.21	Collector	4.1B	\$0.00	4.1A	\$0.99	Y	\$0.99
South	Spring Valley	SWEETWATER SPRINGS	RAMP	JAMACHA BOULEVARD	RAS	0.08	Collector	4.1B	\$0.00	4.1A	\$0.38	N	\$0.00
South	Spring Valley	SWEETWATER-NEW	PARADISE VALLEY	JAMACHA BOULEVARD	RAS	0.04	Light Collector	2.2C	\$0.00	4.1A	\$0.46	Y	\$0.46
South	Sweetwater	BONITA	CENTRAL	CHRISTIAN CENTER	RAS	0.23	Light Collector	4.1B	\$1.63	4.1B	\$1.63	N	\$0.00
South	Sweetwater	BONITA	CHRISTIAN CENTER	UNKNOWN	RAS	0.19	Light Collector	4.1B	\$1.35	4.1B	\$1.35	N	\$0.00
South	Sweetwater	BONITA	UNKNOWN	VILLAS	RAS	0.12	Light Collector	4.1B	\$0.85	4.1B	\$0.85	N	\$0.00
South	Valle De Oro	BANCROFT	GROSSMONT SUMMIT	LEMON	Regional	0.05	Light Collector	2.2E	\$0.00	4.2B	\$0.36	Y	\$0.36
South	Valle De Oro	CAMPO	KENWOOD	TERRACE	RAS	0.05	Light Collector	2.2E	\$0.00	4.1B	\$0.35	Y	\$0.35
South	Valle De Oro	CAMPO	TERRACE	BANCROFT	RAS	0.20	Light Collector	2.2E	\$0.00	4.1B	\$1.42	Y	\$1.42
South	Valle De Oro	CAMPO	BANCROFT	CAMINO PAZ	RAS	0.12	Light Collector	4.1B	\$0.85	4.1B	\$0.85	N	\$0.00
South	Valle De Oro	CAMPO	NORTH BARCELONA	SOUTH CORDOBA	RAS	0.09	Light Collector	4.2B	\$0.64	4.2B	\$0.64	N	\$0.00
South	Valle De Oro	CAMPO	SOUTH CORDOBA	GRANADA	RAS	0.08	Light Collector	4.2B	\$0.57	4.2B	\$0.57	N	\$0.00
South	Valle De Oro	CAMPO	SR-94 EB	VIA MERCADO	State	0.22	Major	6.1	\$3.51	6.1	\$3.51	N	\$0.00
South	Valle De Oro	CAMPO	VIA MERCADO	ZONE CONNECTOR	State	0.28	Major	6.1	\$4.47	6.1	\$4.47	N	\$0.00
South	Valle De Oro	CAMPO	ZONE CONNECTOR	RAMP	State	0.18	Major	6.1	\$2.87	6.1	\$2.87	N	\$0.00
South	Valle De Oro	CAMPO	RAMP	SR 54	State	0.06	Major	6.1	\$0.96	6.1	\$0.96	N	\$0.00
South	Valle De Oro	CAMPO	SR 54	JAMACHA BOULEVARD	State	0.03	Major	6.1	\$0.48	6.1	\$0.48	N	\$0.00
South	Valle De Oro	CAMPO	JAMACHA BOULEVARD	RAMP SR-94 EB	State	0.10	Major	6.1	\$1.60	6.1	\$1.60	N	\$0.00
South	Valle De Oro	CAMPO	RAMP SR-94 EB	RAMP	State	0.28	Major	6.1	\$4.47	6.1	\$4.47	N	\$0.00
South	Valle De Oro	CAMPO	RAMP	UNKNOWN	State	0.04	Major	6.1	\$0.64	6.1	\$0.64	N	\$0.00
South	Valle De Oro	CAMPO	UNKNOWN	JAMACHA ROAD	State	0.12	Major	6.1	\$1.92	6.1	\$1.92	N	\$0.00
South	Valle De Oro	CAMPO	UNKNOWN	RAMP	State	0.06	New	4.1A	\$1.38	4.1A	\$1.38	N	\$0.00
South	Valle De Oro	CAMPO	UNKNOWN	SR-94	State	0.20	Light Collector	4.1A	\$2.30	4.1A	\$2.30	N	\$0.00
South	Valle De Oro	CAMPO	SR-94	MILLAR RANCH	State	0.11	Light Collector	4.1A	\$1.26	4.1A	\$1.26	N	\$0.00
South	Valle De Oro	CAMPO	MILLAR RANCH	UNKNOWN	State	0.35	Light Collector	4.1A	\$4.02	4.1A	\$4.02	N	\$0.00
South	Valle De Oro	CAMPO	UNKNOWN	ZONE CONNECTOR	State	0.39	Town Collector	4.1A	\$3.14	4.1A	\$3.14	N	\$0.00
South	Valle De Oro	CAMPO	ZONE CONNECTOR	SR-94	State	0.06	Town Collector	4.1A	\$0.48	4.1A	\$0.48	N	\$0.00
South	Valle De Oro	CHASE	RANCHO VALLE	GROVE	Regional	0.28	Light Collector	2.1A	\$1.14	4.1B	\$1.99	N	\$0.00
South	Valle De Oro	CHASE	GROVE	BERNITA	Regional	0.11	Light Collector	2.1A	\$0.45	4.1B	\$0.78	Y	\$0.33
South	Valle De Oro	CHASE	BERNITA	UNKNOWN	Regional	0.25	Light Collector	2.1A	\$1.02	4.1B	\$1.77	N	\$0.00
South	Valle De Oro	CHASE	UNKNOWN	MONUMENT HILL	Regional	0.35	Light Collector	2.1A	\$1.43	4.1B	\$2.48	N	\$0.00
South	Valle De Oro	CHASE	MONUMENT HILL	FUERTE	Regional	0.07	Light Collector	2.1A	\$0.29	4.1B	\$0.50	Y	\$0.21
South	Valle De Oro	CHASE	FUERTE	SR 54	Regional	0.15	Light Collector	4.1B	\$1.06	4.1B	\$1.06	N	\$0.00
South	Valle De Oro	CHASE	SR 54	JAMACHA ROAD	Regional	0.11	Light Collector	4.1B	\$0.78	4.1B	\$0.78	N	\$0.00
South	Valle De Oro	FURY	AVOCADO	UNKNOWN	Regional	0.15	Light Collector	4.1B	\$1.06	4.1B	\$1.06	N	\$0.00
South	Valle De Oro	FURY	UNKNOWN	RAPATEE	Regional	0.14	Light Collector	4.1B	\$0.99	4.1B	\$0.99	N	\$0.00
South	Valle De Oro	FURY	RAPATEE	CALLE VERDE	Regional	0.08	Light Collector	4.1B	\$0.57	4.1B	\$0.57	N	\$0.00
South	Valle De Oro	FURY	CALLE VERDE	SUNDOWN	Regional	0.13	Town Collector	4.1B	\$0.49	4.1B	\$0.49	N	\$0.00
South	Valle De Oro	FURY	SUNDOWN	JULIE	Regional	0.25	Town Collector	4.1B	\$0.93	4.1B	\$0.93	N	\$0.00
South	Valle De Oro	FURY	JULIE	UNKNOWN	Regional	0.32	Town Collector	4.1B	\$1.20	4.1B	\$1.20	N	\$0.00
South	Valle De Oro	FURY	UNKNOWN	SR 54	Regional	0.10	Town Collector	4.1B	\$0.37	4.1B	\$0.37	N	\$0.00
South	Valle De Oro	JAMACHA BOULEVARD	SR-54	TRACE	RAS	0.04	Collector	4.1B	\$0.00	4.1A	\$0.19	Y	\$0.19
South	Valle De Oro	JAMACHA BOULEVARD	RAMP SR-94 EB	SR-54	RAS	0.36	Collector	4.1B	\$0.00	4.1A	\$1.70	Y	\$1.70
South	Valle De Oro	JAMACHA BOULEVARD	RAMP SR-94 EB	RAMP	RAS	0.12	Collector	4.1B	\$0.00	4.1A	\$0.57	Y	\$0.57
South	Valle De Oro	JAMACHA BOULEVARD	RAMP	RAMP	RAS	0.07	Collector	4.1B	\$0.00	4.1A	\$0.33	Y	\$0.33
South	Valle De Oro	JAMACHA ROAD	VAN VECHTEN	GROVE	RAS	0.03	Collector	4.1B	\$0.00	4.1A	\$0.14	Y	\$0.14
South	Valle De Oro	JAMACHA ROAD	GROVE	RANCHO WINCHESTER	RAS	0.09	Collector	4.1B	\$0.00	4.1A	\$0.42	Y	\$0.42
South	Valle De Oro	JAMACHA ROAD	RANCHO WINCHESTER	HIDDEN MESA	RAS	0.20	Collector	4.1B	\$0.00	4.1A	\$0.94	Y	\$0.94
South	Valle De Oro	JAMACHA ROAD	HIDDEN MESA	PENASCO	RAS	0.07	Collector	4.1B	\$0.00	4.1A	\$0.33	N	\$0.00
South	Valle De Oro	JAMACHA ROAD	PENASCO	CHASE	RAS	0.10	Collector	4.1B	\$0.00	4.1A	\$0.47	Y	\$0.47
South	Valle De Oro	JAMACHA ROAD	CHASE	SUNDALE	RAS	0.31	Collector	4.1B	\$0.00	6.2	\$4.03	Y	\$4.03
South	Valle De Oro	JAMACHA ROAD	SUNDALE	HILLSDALE	RAS	0.15	Collector	4.1B	\$0.00	6.2	\$1.95	Y	\$1.95

Appendix E -Mobility Element Improvements Costs for Both TIF and Non-TIF Improvements

Sub-Region	CPA	Roadway	To	From	Facility Type	Length (Miles)	Existing Cross-Section	Non-TIF Required Classification	Non-TIF Improvement Total Cost (Millions)	ME Classification	ME Improvement Total Cost (Millions)	TIF Eligible?	TIF Cost (Millions)
South	Valle De Oro	JAMACHA ROAD	HILLSDALE	UNKNOWN	RAS	0.26	Collector	4.1B	\$0.00	6.2	\$3.38	Y	\$3.38
South	Valle De Oro	JAMACHA ROAD	UNKNOWN	SCOTTYS WAY	RAS	0.19	Collector	4.1B	\$0.00	6.2	\$2.47	Y	\$2.47
South	Valle De Oro	JAMACHA ROAD	SCOTTYS WAY	CALLE ALBARA	RAS	0.18	Collector	4.1B	\$0.00	6.2	\$2.34	N	\$0.00
South	Valle De Oro	JAMACHA ROAD	CALLE ALBARA	BRABHAM	RAS	0.21	Major	4.1A	\$0.00	6.2	\$1.63	Y	\$1.63
South	Valle De Oro	JAMACHA ROAD	BRABHAM	UNKNOWN	RAS	0.14	Major	4.1A	\$0.00	6.2	\$1.09	Y	\$1.09
South	Valle De Oro	JAMACHA ROAD	UNKNOWN	HILTON HEAD	RAS	0.12	Major	4.1A	\$0.00	6.2	\$0.93	Y	\$0.93
South	Valle De Oro	JAMACHA ROAD	HILTON HEAD	WILLOW GLEN	RAS	0.15	Major	6.2	\$1.16	6.2	\$1.16	N	\$0.00
South	Valle De Oro	JAMACHA ROAD	WILLOW GLEN	UNKNOWN	RAS	0.12	Major	6.2	\$0.93	6.2	\$0.93	N	\$0.00
South	Valle De Oro	JAMACHA ROAD	UNKNOWN	FURY	RAS	0.20	Major	6.2	\$1.55	6.2	\$1.55	N	\$0.00
South	Valle De Oro	JAMACHA ROAD	FURY	CUYAMACA COLLEGE E	RAS	0.14	Major	6.2	\$1.09	6.2	\$1.09	N	\$0.00
South	Valle De Oro	JAMACHA ROAD	CUYAMACA COLLEGE E	UNKNOWN	RAS	0.06	Major	6.2	\$0.47	6.2	\$0.47	N	\$0.00
South	Valle De Oro	JAMACHA ROAD	UNKNOWN	CUYAMACA COLLEGE W	RAS	0.09	Major	6.2	\$0.70	6.2	\$0.70	N	\$0.00
South	Valle De Oro	KENWOOD	RAMP SR-94 EB	RAMP SR-94 WB	Regional	0.03	Light Collector	4.1B	\$0.21	4.1B	\$0.21	N	\$0.00
South	Valle De Oro	KENWOOD	RAMP SR-94 WB	CAMPO	Regional	0.10	Light Collector	4.1B	\$0.71	4.1B	\$0.71	N	\$0.00
South	Valle De Oro	STEELE CANYON	WILLOW GLEN	Heatherwood	Regional	0.39	Light Collector	4.1B	\$2.77	4.1B	\$2.77	N	\$0.00
South	Valle De Oro	STEELE CANYON	Heatherwood	JAMUL	Regional	0.11	Town Collector	2.2C	\$0.00	4.1B	\$0.41	Y	\$0.41
South	Valle De Oro	STEELE CANYON	JAMUL	OLD CALIFORNIA	Regional	0.19	Light Collector	2.2E	\$0.00	4.1B	\$1.35	Y	\$1.35
South	Valle De Oro	STEELE CANYON	OLD CALIFORNIA	VISTA CIELO	Regional	0.34	Light Collector	2.2E	\$0.00	4.1B	\$2.41	Y	\$2.41
South	Valle De Oro	WILLOW GLEN	HILLSDALE	UNKNOWN	RAS	0.81	Town Collector	2.1A	\$0.70	4.1B	\$3.03	Y	\$2.33
South	Valle De Oro	WILLOW GLEN	UNKNOWN	STEELE CANYON	RAS	0.39	Town Collector	2.1A	\$0.34	4.1B	\$1.46	Y	\$1.12
North	Bonsall	CHAMPAGNE	OLD CASTLE	UNKNOWN	RAS	0.09	Town Collector	2.1A	\$0.08	4.1B	\$0.34	Y	\$0.26
North	Bonsall	CHAMPAGNE	OLD CASTLE	UNKNOWN	RAS	0.04	Town Collector	2.1A	\$0.03	4.1B	\$0.15	Y	\$0.12
North	Bonsall	CHAMPAGNE	OLD CASTLE	UNKNOWN	RAS	0.15	Town Collector	2.1A	\$0.13	4.1B	\$0.56	N	\$0.00
North	Bonsall	EAST VISTA	MISSION	OLD RIVER	RAS	0.06	Town Collector	2.2C	\$0.00	4.1A	\$0.48	Y	\$0.48
North	Bonsall	EAST VISTA	OLD RIVER	EVERGREEN	RAS	0.25	Town Collector	2.2C	\$0.00	4.1A	\$2.01	Y	\$2.01
North	Bonsall	EAST VISTA	EVERGREEN	HUTCHISON	RAS	0.34	Town Collector	2.2C	\$0.00	4.1A	\$2.74	Y	\$2.74
North	Bonsall	EAST VISTA	HUTCHISON	ORMSBY/GOPHER CANYON	RAS	0.29	Town Collector	2.2C	\$0.00	4.1A	\$2.34	Y	\$2.34
North	Bonsall	EAST VISTA	ORMSBY/GOPHER CANYON	STRAWBERRY HILL	RAS	0.22	Town Collector	4.1B	\$0.82	4.1A	\$1.77	Y	\$0.95
North	Bonsall	EAST VISTA	STRAWBERRY HILL	OSBORNE	RAS	0.44	Town Collector	4.1B	\$1.64	4.1A	\$3.55	Y	\$1.90
North	Bonsall	EAST VISTA	OSBORNE	UNKNOWN	RAS	0.06	Town Collector	4.1B	\$0.22	4.1A	\$0.48	Y	\$0.26
North	Bonsall	EAST VISTA	UNKNOWN	BARSBY	RAS	0.01	Town Collector	4.1B	\$0.04	4.1A	\$0.08	Y	\$0.04
North	Bonsall	GOPHER CANYON	ORMSBY	WHISPER TRACE	RAS	0.65	Light Collector	2.1A	\$2.65	4.1B	\$4.61	N	\$0.00
North	Bonsall	GOPHER CANYON	WHISPER TRACE	VISTA VALLEY	RAS	0.34	Light Collector	2.1A	\$1.39	4.1B	\$2.41	N	\$0.00
North	Bonsall	GOPHER CANYON	VISTA VALLEY	TWIN OAKS VALLEY	RAS	0.78	Light Collector	2.1A	\$3.18	4.1B	\$5.54	N	\$0.00
North	Bonsall	GOPHER CANYON	TWIN OAKS VALLEY	DISNEY	RAS	0.04	Light Collector	2.1A	\$0.16	4.1B	\$0.28	Y	\$0.12
North	Bonsall	GOPHER CANYON	DISNEY	UNKNOWN	RAS	0.79	Light Collector	2.1A	\$3.23	4.1B	\$5.61	Y	\$2.38
North	Bonsall	GOPHER CANYON	UNKNOWN	RAMP I-15 SB	RAS	0.81	Light Collector	2.1A	\$3.31	4.1B	\$5.75	Y	\$2.44
North	Bonsall	GOPHER CANYON	RAMP I-15 SB	RAMP I-15 NB	RAS	0.10	Light Collector	2.2C	\$0.00	4.1B	\$0.71	Y	\$0.71
North	Bonsall	GOPHER CANYON	RAMP I-15 NB	OLD 395	RAS	0.07	Light Collector	2.2C	\$0.00	4.1B	\$0.50	Y	\$0.50
North	Bonsall	MELROSE	UNKNOWN	SANTA FE	RAS	0.14	New	4.1A	\$3.21	6.2	\$4.41	Y	\$1.20
North	Bonsall	MISSION	TRIPLE CROWN	BLDG 4949	RAS	0.22	Light Collector	4.2B	\$1.58	4.2B	\$1.58	N	\$0.00
North	Bonsall	MISSION	BLDG 4949	RIVER VILLAGE MALL	RAS	0.11	Light Collector	4.2B	\$0.79	4.2B	\$0.79	N	\$0.00
North	Bonsall	MISSION	EAST VISTA	CRANBERRY	State	0.55	Light Collector	6.2	\$13.30	6.2	\$13.30	N	\$0.00
North	Bonsall	MISSION	HOLLY	EAST VISTA	State	0.40	Light Collector	6.2	\$9.67	6.2	\$9.67	N	\$0.00
North	Bonsall	MISSION	NORTH RIVER	HOLLY	State	0.27	Light Collector	6.2	\$6.53	6.2	\$6.53	N	\$0.00
North	Bonsall	MISSION	UNKNOWN	NORTH RIVER	State	0.52	Light Collector	6.2	\$12.57	6.2	\$12.57	N	\$0.00
North	Bonsall	MISSION	VIA GRENADA	UNKNOWN	State	0.45	Light Collector	6.2	\$10.88	6.2	\$10.88	N	\$0.00
North	Bonsall	MISSION	VALLEY RANCH	VIA GRENADA	State	0.10	Light Collector	6.2	\$2.42	6.2	\$2.42	N	\$0.00
North	Bonsall	MISSION	OLIVEHILL/CM DEL REY	VALLEY RANCH	State	0.73	Light Collector	6.2	\$17.65	6.2	\$17.65	N	\$0.00
North	Bonsall	MISSION	THOROUGHNBRED	OLIVEHILL/CM DEL REY	State	0.18	Light Collector	6.2	\$4.35	6.2	\$4.35	N	\$0.00
North	Bonsall	NORTH RIVER	UNKNOWN	VIA PUERTA DEL SOL	RAS	0.05	Light Collector	2.2C	\$0.00	4.1B	\$0.35	Y	\$0.35
North	Bonsall	NORTH RIVER	VIA PUERTA DEL SOL	EMERALD HILL	Regional	0.27	Light Collector	2.2C	\$0.00	4.1B	\$1.92	Y	\$1.92
North	Bonsall	NORTH RIVER	EMERALD HILL	MISSION	Regional	0.16	Light Collector	2.2C	\$0.00	4.1B	\$1.14	N	\$0.00
North	Bonsall	OLD 395	WEST LILAC	RAMP I-15 SB	RAS	0.86	Town Collector	2.2C	\$0.00	4.2B	\$3.41	Y	\$3.41
North	Bonsall	OLD 395	RAMP I-15 SB	RAMP I-15 SB	RAS	0.12	Light Collector	2.2C	\$0.00	4.1B	\$0.85	Y	\$0.85
North	Bonsall	OLD 395	RAMP I-15 SB	RAMP I-15 NB	RAS	0.25	Light Collector	2.2C	\$0.00	4.1B	\$1.77	Y	\$1.77
North	Bonsall	OLD 395	RAMP I-15 NB	RAMP I-15 NB	RAS	0.04	Light Collector	2.2C	\$0.00	4.1B	\$0.28	Y	\$0.28
North	Bonsall	OLD 395	LILAC RIDGE	ZONE CONNECTOR	RAS	0.06	Light Collector	2.2C	\$0.00	4.1B	\$0.43	Y	\$0.43
North	Bonsall	OLD 395	LILAC RIDGE	ZONE CONNECTOR	RAS	0.05	Light Collector	2.2C	\$0.00	4.1B	\$0.35	Y	\$0.35
North	Bonsall	OLD 395	LILAC RIDGE	ZONE CONNECTOR	RAS	0.07	Light Collector	2.2C	\$0.00	4.1B	\$0.50	Y	\$0.50

Appendix E -Mobility Element Improvements Costs for Both TIF and Non-TIF Improvements

Sub-Region	CPA	Roadway	To	From	Facility Type	Length (Miles)	Existing Cross-Section	Non-TIF Required Classification	Non-TIF Improvement Total Cost (Millions)	ME Classification	ME Improvement Total Cost (Millions)	TIF Eligible?	TIF Cost (Millions)
North	Bonsall	OLD 395	LILAC RIDGE	ZONE CONNECTOR	RAS	0.07	Light Collector	2.2C	\$0.00	4.1B	\$0.50	Y	\$0.50
North	Bonsall	OLD 395	LILAC RIDGE	ZONE CONNECTOR	RAS	0.10	Light Collector	2.2C	\$0.00	4.1B	\$0.71	Y	\$0.71
North	Bonsall	OLD 395	LILAC RIDGE	ZONE CONNECTOR	RAS	0.16	Light Collector	2.2C	\$0.00	4.1B	\$1.14	Y	\$1.14
North	Bonsall	OLD 395	LILAC RIDGE	ZONE CONNECTOR	RAS	0.11	Light Collector	2.2C	\$0.00	4.1B	\$0.78	Y	\$0.78
North	Bonsall	OLD 395	ZONE CONNECTOR	CAM DEL REY	RAS	0.18	Light Collector	2.2C	\$0.00	4.1B	\$1.28	Y	\$1.28
North	Bonsall	OLD 395	CAM DEL REY	CIRCLE R	RAS	0.30	Town Collector	4.1B	\$1.12	4.1B	\$1.12	N	\$0.00
North	Bonsall	OLD 395	CAM DEL REY	CIRCLE R	RAS	0.06	Town Collector	4.1B	\$0.22	4.1B	\$0.22	N	\$0.00
North	Bonsall	OLD 395	CAM DEL REY	CIRCLE R	RAS	0.06	Town Collector	4.1B	\$0.22	4.1B	\$0.22	N	\$0.00
North	Bonsall	OLD 395	RAMP I-15 NB	LILAC RIDGE	RAS	0.14	Light Collector	2.1A	\$0.57	4.1B	\$0.99	Y	\$0.42
North	Bonsall	OLIVE HILL	ZONE CONNECTOR	UNKNOWN	Local	0.28	New	2.2C	\$3.61	2.2C	\$3.61	N	\$0.00
North	Bonsall	OLIVE HILL	UNKNOWN	ZONE CONNECTOR	Local	0.30	New	2.2C	\$3.87	2.2C	\$3.87	N	\$0.00
North	Bonsall	ORMSBY	GOPHER CANYON	UNKNOWN	Regional	0.28	Light Collector	4.1B	\$1.99	4.1B	\$1.99	N	\$0.00
North	Bonsall	ORMSBY	UNKNOWN	FAIRVIEW	Regional	0.51	Light Collector	4.1B	\$3.62	4.1B	\$3.62	N	\$0.00
North	Bonsall	ORMSBY	FAIRVIEW	EAST VISTA	Regional	0.41	Light Collector	4.1B	\$2.91	4.1B	\$2.91	N	\$0.00
North	Bonsall	OSBORNE	UNKNOWN	BAUTISTA	Local	0.39	Light Collector	2.2E	\$0.00	2.2A	\$1.69	N	\$0.00
North	Bonsall	OSBORNE	BAUTISTA	HUTCHISON	Local	0.22	Light Collector	2.2E	\$0.00	2.2A	\$0.95	Y	\$0.95
North	Bonsall	OSBORNE	HUTCHISON	UNKNOWN	Local	0.27	Light Collector	2.2E	\$0.00	2.2A	\$1.17	N	\$0.00
North	Bonsall	OSBORNE	UNKNOWN	AMSTEL	Local	0.40	Light Collector	2.2E	\$0.00	2.2A	\$1.73	Y	\$1.73
North	Bonsall	OSBORNE	AMSTEL	EAST VISTA	Local	0.20	Light Collector	2.2E	\$0.00	2.2A	\$0.87	N	\$0.00
North	Bonsall	PALA	THOROUGHNBRED	MISSION	State	0.28	Light Collector	6.2	\$6.77	6.2	\$6.77	N	\$0.00
North	Bonsall	PALA	MISSION	ZONE CONNECTOR	State	0.27	Light Collector	4.1A	\$3.10	4.1A	\$3.10	N	\$0.00
North	Bonsall	PALA	ZONE CONNECTOR	RAMONA	State	0.03	Light Collector	4.1A	\$0.34	4.1A	\$0.34	N	\$0.00
North	Bonsall	PALA	ZONE CONNECTOR	RAMONA	State	0.03	Light Collector	4.1A	\$0.34	4.1A	\$0.34	N	\$0.00
North	Bonsall	PALA	ZONE CONNECTOR	RAMONA	State	0.37	Light Collector	4.1A	\$4.25	4.1A	\$4.25	N	\$0.00
North	Bonsall	PALA	RAMONA	CALLE DE LA VUELTA	State	0.04	Light Collector	4.1A	\$0.46	4.1A	\$0.46	N	\$0.00
North	Bonsall	PALA	RAMONA	CALLE DE LA VUELTA	State	0.04	Light Collector	4.1A	\$0.46	4.1A	\$0.46	N	\$0.00
North	Bonsall	PALA	RAMONA	CALLE DE LA VUELTA	State	0.01	Light Collector	4.1A	\$0.11	4.1A	\$0.11	N	\$0.00
North	Bonsall	PALA	CALLE DE LA VUELTA	VIA MONSERATE	State	0.05	Light Collector	4.1A	\$0.57	4.1A	\$0.57	N	\$0.00
North	Bonsall	WEST LILAC	OLIVEHILL	OLD RIVER	Regional	0.05	Light Collector	2.2C	\$0.00	4.2B	\$0.36	Y	\$0.36
North	Bonsall	WEST LILAC	OLD RIVER	CAM DEL REY	Regional	0.29	Light Collector	2.2E	\$0.00	4.2B	\$2.08	Y	\$2.08
North	Fallbrook	CANONITA	OLD 395	RAMP I-15 SB	Regional	0.08	Light Collector	2.2E	\$0.00	4.1B	\$0.57	N	\$0.00
North	Fallbrook	CARLINA	EL PAISANO	MACADAMIA	RAS	0.02	Town Collector	4.2B	\$0.08	4.2B	\$0.08	N	\$0.00
North	Fallbrook	CITRANO LN	PANKEY	PANKEY NEW	State	0.29	New	2.1E	\$3.60	2.1E	\$3.60	N	\$0.00
North	Fallbrook	CLEMMENS	RECHE	MORRO	Local	0.12	New	2.2C	\$1.55	2.2C	\$1.55	N	\$0.00
North	Fallbrook	COUSER CANYON	PALA	ZONE CONNECTOR	Local	0.86	Light Collector	2.2F	\$0.42	2.2F	\$0.42	N	\$0.00
North	Fallbrook	COUSER CANYON	ZONE CONNECTOR	ZONE CONNECTOR	Local	0.47	Light Collector	2.2F	\$0.23	2.2F	\$0.23	N	\$0.00
North	Fallbrook	FALLBROOK	MISSION	PICO	Local	0.06	Light Collector	2.2E	\$0.00	2.2B	\$0.24	Y	\$0.24
North	Fallbrook	FALLBROOK	PICO	MAIN	Local	0.06	Light Collector	2.2E	\$0.00	2.2B	\$0.24	Y	\$0.24
North	Fallbrook	FALLBROOK	OLD STAGE	MANDARIN	Local	0.13	Light Collector	2.2B	\$0.52	2.2B	\$0.52	N	\$0.00
North	Fallbrook	FALLBROOK	MORRO	DEBRA ANN	Local	0.12	Light Collector	2.2E	\$0.00	2.2B	\$0.48	Y	\$0.48
North	Fallbrook	FALLBROOK	DEBRA ANN	MC DONALD	Local	0.12	Light Collector	2.2E	\$0.00	2.2B	\$0.48	Y	\$0.48
North	Fallbrook	FALLBROOK	MC DONALD	MAGARIAN	Local	0.06	Light Collector	2.2E	\$0.00	2.2B	\$0.24	Y	\$0.24
North	Fallbrook	FALLBROOK	ZONE CONNECTOR	ZONE CONNECTOR	Local	0.40	New	2.2C	\$5.15	2.2C	\$5.15	N	\$0.00
North	Fallbrook	FALLBROOK	ZONE CONNECTOR	RECHE	Local	0.25	New	2.2C	\$3.22	2.2C	\$3.22	N	\$0.00
North	Fallbrook	KNOTTWOOD/ENCINA	VIA ENCINAS	PALOMAR	Local	0.37	Light Collector	2.2F	\$0.18	2.2F	\$0.18	N	\$0.00
North	Fallbrook	KNOTTWOOD/ENCINA	PALOMAR	ALTA VISTA	Local	0.48	Light Collector	2.2F	\$0.23	2.2F	\$0.23	N	\$0.00
North	Fallbrook	KNOTTWOOD/ENCINA	ALTA VISTA	ZONE CONNECTOR	Local	0.65	New	2.2F	\$6.44	2.2F	\$6.44	N	\$0.00
North	Fallbrook	KNOTTWOOD/ENCINA	ZONE CONNECTOR	ZONE CONNECTOR	Local	0.70	New	2.2F	\$6.93	2.2F	\$6.93	N	\$0.00
North	Fallbrook	KNOTTWOOD/ENCINA	ZONE CONNECTOR	GIRD	Local	0.63	New	2.2F	\$6.24	2.2F	\$6.24	N	\$0.00
North	Fallbrook	MISSION	CARLINA	WILLOW GLEN	RAS	0.28	Town Collector	4.2B	\$1.11	4.2B	\$1.11	N	\$0.00
North	Fallbrook	MISSION	WILLOW GLEN	LIVE OAK PARK	RAS	0.88	Town Collector	4.2B	\$3.49	4.2B	\$3.49	N	\$0.00
North	Fallbrook	MISSION	LIVE OAK PARK	OLD 395	RAS	0.71	Town Collector	4.2B	\$2.82	4.2B	\$2.82	N	\$0.00
North	Fallbrook	MISSION	OLD 395	RAMP I-15 SB	RAS	0.06	Light Collector	4.2B	\$0.43	4.2B	\$0.43	N	\$0.00
North	Fallbrook	MISSION	RAMP I-15 SB	RAMP I-15 NB	RAS	0.15	Light Collector	4.2B	\$1.07	4.2B	\$1.07	N	\$0.00
North	Fallbrook	MISSION	CARLINA	UNKNOWN	RAS	0.04	Town Collector	4.2B	\$0.16	4.2B	\$0.16	N	\$0.00
North	Fallbrook	MISSION	UNKNOWN	HAMILTON	RAS	0.57	Town Collector	4.2B	\$2.26	4.2B	\$2.26	N	\$0.00
North	Fallbrook	MISSION	HAMILTON	DAVIS	RAS	0.70	Town Collector	4.2B	\$2.78	4.2B	\$2.78	N	\$0.00
North	Fallbrook	MISSION	DAVIS	STAGE COACH	RAS	0.18	Town Collector	4.2B	\$0.71	4.2B	\$0.71	N	\$0.00
North	Fallbrook	MISSION	STAGE COACH	GUM TREE	RAS	0.13	Town Collector	4.2B	\$0.52	4.2B	\$0.52	N	\$0.00
North	Fallbrook	MISSION	GUM TREE	INDUSTRIAL	RAS	0.45	Town Collector	4.2B	\$1.78	4.2B	\$1.78	N	\$0.00

Appendix E -Mobility Element Improvements Costs for Both TIF and Non-TIF Improvements

Sub-Region	CPA	Roadway	To	From	Facility Type	Length (Miles)	Existing Cross-Section	Non-TIF Required Classification	Non-TIF Improvement Total Cost (Millions)	ME Classification	ME Improvement Total Cost (Millions)	TIF Eligible?	TIF Cost (Millions)
North	Fallbrook	MISSION	INDUSTRIAL	SANTA MARGARITA	RAS	0.18	Town Collector	4.2B	\$0.71	4.2B	\$0.71	N	\$0.00
North	Fallbrook	MISSION	UNKNOWN	OVERLAND	RAS	0.22	Light Collector	4.2B	\$1.58	4.2B	\$1.58	N	\$0.00
North	Fallbrook	MISSION	OVERLAND	BIG OAK RANCH	RAS	0.26	Light Collector	4.2B	\$1.86	4.2B	\$1.86	N	\$0.00
North	Fallbrook	MISSION	BIG OAK RANCH	GREEN CANYON	RAS	0.45	Light Collector	4.2B	\$3.22	4.2B	\$3.22	N	\$0.00
North	Fallbrook	MISSION	GREEN CANYON	VIA ENCINAS	RAS	0.31	Light Collector	4.2B	\$2.22	4.2B	\$2.22	N	\$0.00
North	Fallbrook	MISSION	VIA ENCINAS	HELLERS BEND	RAS	0.35	Light Collector	4.2B	\$2.51	4.2B	\$2.51	N	\$0.00
North	Fallbrook	MISSION	HELLERS BEND	VIA MONSERATE	RAS	0.74	Light Collector	4.2B	\$5.30	4.2B	\$5.30	N	\$0.00
North	Fallbrook	MISSION	VIA MONSERATE	BAJA MISSION	RAS	0.11	Light Collector	4.2B	\$0.79	4.2B	\$0.79	N	\$0.00
North	Fallbrook	MISSION	BAJA MISSION	LA CANADA	RAS	0.32	Light Collector	4.2B	\$2.29	4.2B	\$2.29	N	\$0.00
North	Fallbrook	MISSION	LA CANADA	TRIPLE CROWN	RAS	0.41	Light Collector	4.2B	\$2.94	4.2B	\$2.94	N	\$0.00
North	Fallbrook	MISSION	TRIPLE CROWN	BLDG 4949	RAS	0.17	Light Collector	4.2B	\$1.22	4.2B	\$1.22	N	\$0.00
North	Fallbrook	OLD 395	MISSION	RECHE	RAS	1.04	Light Collector	2.1A	\$4.25	2.1A	\$4.25	N	\$0.00
North	Fallbrook	OLD 395	RECHE	CANONITA	RAS	0.72	Light Collector	2.1A	\$2.94	2.1A	\$2.94	N	\$0.00
North	Fallbrook	OLD 395	CANONITA	TECALOTE	RAS	0.57	Light Collector	2.2C	\$0.00	2.1A	\$2.33	Y	\$2.33
North	Fallbrook	OLD 395	TECALOTE	PALA MESA	RAS	1.09	Light Collector	2.1A	\$4.45	2.1A	\$4.45	N	\$0.00
North	Fallbrook	OLD 395	PALA MESA	ZONE CONNECTOR	RAS	0.52	Light Collector	2.1A	\$2.12	4.2B	\$3.73	N	\$0.00
North	Fallbrook	OLD 395	ZONE CONNECTOR	PUBLIC	RAS	0.30	Light Collector	4.2B	\$2.15	4.2B	\$2.15	N	\$0.00
North	Fallbrook	OLD 395	PUBLIC	PALA	RAS	0.12	Light Collector	4.2B	\$0.86	4.2B	\$0.86	N	\$0.00
North	Fallbrook	OLIVE HILL	MISSION	ZONE CONNECTOR	Local	0.15	Light Collector	2.2F	\$0.07	2.2F	\$0.07	N	\$0.00
North	Fallbrook	OLIVE HILL	ZONE CONNECTOR	ZONE CONNECTOR	Local	0.68	Light Collector	2.2F	\$0.33	2.2F	\$0.33	N	\$0.00
North	Fallbrook	OLIVE HILL	ZONE CONNECTOR	WHITE HORSE	Local	0.55	Light Collector	2.2F	\$0.27	2.2F	\$0.27	N	\$0.00
North	Fallbrook	OLIVE HILL	WHITE HORSE	LADERA VISTA	Local	0.50	Light Collector	2.2F	\$0.24	2.2F	\$0.24	N	\$0.00
North	Fallbrook	OLIVE HILL	LADERA VISTA	BURMA	Local	0.24	Light Collector	2.2F	\$0.12	2.2F	\$0.12	N	\$0.00
North	Fallbrook	OLIVE HILL	BURMA	RANCHO BONITO	Local	0.31	Light Collector	2.2F	\$0.15	2.2F	\$0.15	N	\$0.00
North	Fallbrook	OLIVE HILL	RANCHO BONITO	RANCHO CAM	Local	0.36	Light Collector	2.2F	\$0.17	2.2F	\$0.17	N	\$0.00
North	Fallbrook	OLIVE HILL	RANCHO CAM	ZONE CONNECTOR	Local	0.84	Light Collector	2.2F	\$0.41	2.2F	\$0.41	N	\$0.00
North	Fallbrook	OLIVE HILL	ZONE CONNECTOR	UNKNOWN	Local	0.10	Light Collector	2.2F	\$0.05	2.2F	\$0.05	N	\$0.00
North	Fallbrook	OLIVE HILL	ZONE CONNECTOR	UNKNOWN	Local	0.03	New	2.2C	\$0.39	2.2C	\$0.39	N	\$0.00
North	Fallbrook	PALA	RAMONA	CALLE DE LA VUELTA	State	0.06	Light Collector	4.1A	\$0.69	4.1A	\$0.69	N	\$0.00
North	Fallbrook	PALA	RAMONA	CALLE DE LA VUELTA	State	0.04	Light Collector	4.1A	\$0.46	4.1A	\$0.46	N	\$0.00
North	Fallbrook	PALA	RAMONA	CALLE DE LA VUELTA	State	0.12	Light Collector	4.1A	\$1.38	4.1A	\$1.38	N	\$0.00
North	Fallbrook	PALA	RAMONA	CALLE DE LA VUELTA	State	0.02	Light Collector	4.1A	\$0.23	4.1A	\$0.23	N	\$0.00
North	Fallbrook	PALA	RAMONA	CALLE DE LA VUELTA	State	0.02	Light Collector	4.1A	\$0.23	4.1A	\$0.23	N	\$0.00
North	Fallbrook	PALA	RAMONA	CALLE DE LA VUELTA	State	0.05	Light Collector	4.1A	\$0.57	4.1A	\$0.57	N	\$0.00
North	Fallbrook	PALA	CALLE DE LA VUELTA	VIA MONSERATE	State	0.35	Light Collector	4.1A	\$4.02	4.1A	\$4.02	N	\$0.00
North	Fallbrook	PALA	CALLE DE LA VUELTA	VIA MONSERATE	State	0.03	Light Collector	4.1A	\$0.34	4.1A	\$0.34	N	\$0.00
North	Fallbrook	PALA	VIA MONSERATE	UNKNOWN	State	0.48	Light Collector	4.1A	\$5.51	4.1A	\$5.51	N	\$0.00
North	Fallbrook	PALA	UNKNOWN	LIMBER PINE	State	0.07	Light Collector	4.1A	\$0.80	4.1A	\$0.80	N	\$0.00
North	Fallbrook	PALA	LIMBER PINE	GIRD	State	0.08	Light Collector	4.1A	\$0.92	4.1A	\$0.92	N	\$0.00
North	Fallbrook	PALA	GIRD	UNKNOWN	State	0.95	Light Collector	4.1A	\$10.91	4.1A	\$10.91	N	\$0.00
North	Fallbrook	PALA	UNKNOWN	ZONE CONNECTOR	State	0.78	Light Collector	4.1A	\$8.96	4.1A	\$8.96	N	\$0.00
North	Fallbrook	PALA	ZONE CONNECTOR	OLD 395	State	0.56	Light Collector	4.1A	\$6.43	4.1A	\$6.43	N	\$0.00
North	Fallbrook	PALA	OLD 395	RAMP I-15 SB	State	0.15	Light Collector	4.1A	\$1.72	4.1A	\$1.72	N	\$0.00
North	Fallbrook	PALA	PALA-NEW	RICE CANYON	State	0.67	Light Collector	4.1B	\$4.75	4.1A	\$7.69	Y	\$2.94
North	Fallbrook	PALA	RICE CANYON	COUSER CANYON	State	0.12	Light Collector	4.1B	\$0.85	4.1A	\$1.38	Y	\$0.53
North	Fallbrook	PALA MESA	GIRD	UNKNOWN	Local	0.27	Light Collector	2.2F	\$0.13	2.2F	\$0.13	N	\$0.00
North	Fallbrook	PALA MESA	UNKNOWN	UNKNOWN	Local	0.65	New	2.2F	\$6.44	2.2F	\$6.44	N	\$0.00
North	Fallbrook	PALA MESA	UNKNOWN	WILT	Local	0.34	New	2.2F	\$3.37	2.2F	\$3.37	N	\$0.00
North	Fallbrook	PALA MESA	DAISY	DAISY	Local	0.34	Light Collector	2.2F	\$0.16	2.2F	\$0.16	N	\$0.00
North	Fallbrook	PALA MESA	DAISY	OLD 395	Local	0.47	Light Collector	2.2F	\$0.23	2.2F	\$0.23	N	\$0.00
North	Fallbrook	PALA MESA	OLD 395	PANKEY	Local	0.21	New	2.2E	\$2.71	2.1A	\$2.96	N	\$0.00
North	Fallbrook	PALA-NEW	PANKEY NEW	PALA	State	0.50	Light Collector	4.1B	\$3.55	4.1A	\$5.74	Y	\$2.19
North	Fallbrook	PANKEY	PALA MESA	CITRANO LN	Local	0.33	New	2.2E	\$4.25	2.1A	\$4.66	N	\$0.00
North	Fallbrook	PANKEY	CITRANO LN	PALA	Local	0.15	Light Collector	2.2E	\$0.00	2.1A	\$0.61	N	\$0.00
North	Fallbrook	PANKEY NEW	PANKEY NEW	ZONE CONNECTOR	Regional	0.49	New	2.2E	\$6.31	4.2A	\$10.32	Y	\$4.00
North	Fallbrook	PANKEY NEW	ZONE CONNECTOR	3P WAY	Regional	0.32	New	2.2E	\$4.12	4.2A	\$6.74	Y	\$2.62
North	Fallbrook	PANKEY NEW	3P WAY	ZONE CONNECTOR	Regional	0.32	New	2.2E	\$4.12	4.2A	\$6.74	N	\$0.00
North	Fallbrook	PANKEY NEW	ZONE CONNECTOR	CITRANO LN	Regional	0.19	New	2.2E	\$2.45	4.2A	\$4.00	N	\$0.00
North	Fallbrook	PANKEY NEW	CITRANO LN	PALA	Regional	0.17	New	2.2E	\$2.19	4.2A	\$3.58	Y	\$1.39
North	Fallbrook	PEPPER TREE	MISSION	ZONE CONNECTOR	Local	0.11	New	2.2E	\$1.42	2.2E	\$1.42	N	\$0.00

Appendix E -Mobility Element Improvements Costs for Both TIF and Non-TIF Improvements

Sub-Region	CPA	Roadway	To	From	Facility Type	Length (Miles)	Existing Cross-Section	Non-TIF Required Classification	Non-TIF Improvement Total Cost (Millions)	ME Classification	ME Improvement Total Cost (Millions)	TIF Eligible?	TIF Cost (Millions)
North	Fallbrook	PEPPER TREE	ZONE CONNECTOR	UNKNOWN	Local	0.39	New	2.2E	\$5.03	2.2E	\$5.03	N	\$0.00
North	Fallbrook	PEPPER TREE	UNKNOWN	MC DONALD	Local	0.25	New	2.2E	\$3.22	2.2E	\$3.22	N	\$0.00
North	Fallbrook	PEPPER TREE	CALAVO	STAGE COACH	Local	0.25	New	2.2E	\$3.22	2.2E	\$3.22	N	\$0.00
North	Fallbrook	RECHE	PALOMINO	CLEMMENS	Local	0.33	New	2.2C	\$4.25	2.2C	\$4.25	N	\$0.00
North	Fallbrook	RECHE	MORRO	MC DONALD	Local	0.25	New	2.2C	\$3.22	2.2C	\$3.22	N	\$0.00
North	Fallbrook	RECHE	MC DONALD	CALAVO	Local	0.25	New	2.2C	\$3.22	2.2C	\$3.22	N	\$0.00
North	Fallbrook	RECHE	CALAVO	PALOMINO	Local	0.12	New	2.2C	\$1.55	2.2C	\$1.55	N	\$0.00
North	Fallbrook	RECHE	STAGE COACH	CALMIN	Local	0.25	Light Collector	2.2E	\$0.00	2.2B	\$1.00	N	\$0.00
North	Fallbrook	RECHE	CALMIN	UNKNOWN	Local	0.14	Light Collector	2.2E	\$0.00	2.2B	\$0.56	Y	\$0.56
North	Fallbrook	RECHE	UNKNOWN	FALLBROOK	Local	0.12	Light Collector	2.2E	\$0.00	2.2B	\$0.48	N	\$0.00
North	Fallbrook	RECHE	FALLBROOK	LOS AMIGOS	Local	0.08	Light Collector	2.2E	\$0.00	2.2B	\$0.32	Y	\$0.32
North	Fallbrook	RECHE	LOS AMIGOS	GREEN CANYON	Local	0.17	Light Collector	2.2E	\$0.00	2.2B	\$0.68	Y	\$0.68
North	Fallbrook	RICE CANYON	ZONE CONNECTOR	HUNTLEY	Local	0.33	Light Collector	2.2F	\$0.16	2.2F	\$0.16	N	\$0.00
North	Fallbrook	RICE CANYON	HUNTLEY	ZONE CONNECTOR	Local	0.59	Light Collector	2.2F	\$0.29	2.2F	\$0.29	N	\$0.00
North	Fallbrook	RICE CANYON	ZONE CONNECTOR	PALA	Local	0.53	Light Collector	2.2F	\$0.26	2.2F	\$0.26	N	\$0.00
North	Fallbrook	STAGE COACH	MISSION	GUM TREE	Local	0.07	Light Collector	2.2E	\$0.00	2.2B	\$0.28	N	\$0.00
North	Fallbrook	STAGE COACH	GUM TREE	ZONE CONNECTOR	Local	0.17	Light Collector	2.2E	\$0.00	2.2B	\$0.68	N	\$0.00
North	Fallbrook	STAGE COACH	ZONE CONNECTOR	ALVARADO	Local	0.21	Light Collector	2.2E	\$0.00	2.2B	\$0.84	Y	\$0.84
North	Fallbrook	STAGE COACH	ALVARADO	FALLBROOK	Local	0.38	Light Collector	2.2E	\$0.00	2.2B	\$1.51	N	\$0.00
North	Fallbrook	STAGE COACH	FALLBROOK	ZONE CONNECTOR	Local	0.25	Light Collector	2.2E	\$0.00	2.2B	\$1.00	N	\$0.00
North	Fallbrook	STAGE COACH	ZONE CONNECTOR	RECHE	Local	0.25	Light Collector	2.2E	\$0.00	2.2B	\$1.00	N	\$0.00
North	Fallbrook	STEWART CANYON	RAMP I-15 SB	RAMP I-15 NB	Regional	0.13	Light Collector	2.2E	\$0.00	4.1B	\$0.92	Y	\$0.92
North	Fallbrook	STEWART CANYON	RAMP I-15 NB	UNKNOWN	Regional	0.08	Light Collector	2.2E	\$0.00	4.1B	\$0.57	Y	\$0.57
North	Fallbrook	STEWART CANYON	UNKNOWN	PANKEY	Regional	0.65	Light Collector	2.2E	\$0.00	4.2A	\$7.17	N	\$0.00
North	Fallbrook	VIA ENCINAS	MISSION	UNKNOWN	Local	0.21	Light Collector	2.2F	\$0.10	2.2F	\$0.10	N	\$0.00
North	Fallbrook	VIA ENCINAS	UNKNOWN	KNOTTWOOD/ENCINA	Local	0.17	Light Collector	2.2F	\$0.08	2.2F	\$0.08	N	\$0.00
North	Fallbrook	YUCCA	ZONE CONNECTOR	LIVE OAK PARK	Local	0.92	Light Collector	2.2F	\$0.45	2.2F	\$0.45	N	\$0.00
North	Fallbrook	YUCCA	RECHE	ZONE CONNECTOR	Local	0.77	Light Collector	2.2F	\$0.37	2.2F	\$0.37	N	\$0.00
North	North County Metro	AVNDA DEL DIABLO	ZONE CONNECTOR	COUNTRY CLUB	Local	0.13	New	2.1C	\$1.61	2.1C	\$1.61	N	\$0.00
North	North County Metro	AVNDA DEL DIABLO	HARMONY GROVE	ZONE CONNECTOR	Local	0.14	New	2.1C	\$1.74	2.1C	\$1.74	N	\$0.00
North	North County Metro	AVNDA DEL DIABLO	CITRACADO	HARMONY GROVE	Local	0.25	New	2.1C	\$3.10	2.1C	\$3.10	N	\$0.00
North	North County Metro	BEAR VALLEY	BOYLE	BIRCH	RAS	0.26	Light Collector	4.1B	\$1.85	4.1A	\$2.99	Y	\$1.14
North	North County Metro	BEAR VALLEY	BIRCH	IDAHO	RAS	0.15	Light Collector	4.1B	\$1.06	4.1A	\$1.72	Y	\$0.66
North	North County Metro	BEAR VALLEY	IDAHO	LANDAVO	RAS	0.11	Light Collector	4.1B	\$0.78	4.1A	\$1.26	Y	\$0.48
North	North County Metro	BEAR VALLEY	LANDAVO	SUBURBAN HILLS	RAS	0.14	Light Collector	4.1B	\$0.99	4.1A	\$1.61	Y	\$0.61
North	North County Metro	BEAR VALLEY	SUBURBAN HILLS	SAN PASQUAL VALLEY	RAS	0.21	Light Collector	4.1B	\$1.49	4.1A	\$2.41	Y	\$0.92
North	North County Metro	BEAR VALLEY	SAN PASQUAL VALLEY	ELDORADO	RAS	0.42	Light Collector	4.1A	\$4.82	4.1A	\$4.82	N	\$0.00
North	North County Metro	BEAR VALLEY	ELDORADO	ENCINO	RAS	0.21	Light Collector	4.1B	\$1.49	4.1A	\$2.41	Y	\$0.92
North	North County Metro	BEAR VALLEY	SUNSET	OLD SPANISH	RAS	0.09	Light Collector	4.1B	\$0.64	4.1A	\$1.03	Y	\$0.39
North	North County Metro	BEAR VALLEY	SUNSET	OLD SPANISH	RAS	0.03	Light Collector	4.1B	\$0.21	4.1A	\$0.34	Y	\$0.13
North	North County Metro	BEAR VALLEY	SUNSET	OLD SPANISH	RAS	0.06	Light Collector	4.1B	\$0.43	4.1A	\$0.69	Y	\$0.26
North	North County Metro	BUENA CREEK	SYCAMORE	SYCAMORE	RAS	0.02	Light Collector	4.1B	\$0.14	4.1B	\$0.14	N	\$0.00
North	North County Metro	BUENA CREEK	SYCAMORE	HARTWRIGHT	RAS	0.03	Light Collector	4.1B	\$0.21	4.1B	\$0.21	N	\$0.00
North	North County Metro	BUENA CREEK	HARTWRIGHT	ZONE CONNECTOR	RAS	0.70	Light Collector	4.1B	\$4.97	4.1B	\$4.97	N	\$0.00
North	North County Metro	BUENA CREEK	ZONE CONNECTOR	LONE OAK	RAS	0.17	Light Collector	4.1B	\$1.21	4.1B	\$1.21	N	\$0.00
North	North County Metro	BUENA CREEK	LONE OAK	MONTE VISTA	RAS	0.25	Light Collector	4.1B	\$1.77	4.1B	\$1.77	N	\$0.00
North	North County Metro	BUENA CREEK	MONTE VISTA	SUGARBUSH	RAS	0.61	Light Collector	4.1B	\$4.33	4.1B	\$4.33	N	\$0.00
North	North County Metro	BUENA CREEK	SUGARBUSH	HOLLYBERRY	RAS	0.08	Light Collector	4.1B	\$0.57	4.1B	\$0.57	N	\$0.00
North	North County Metro	BUENA CREEK	HOLLYBERRY	FREDAS HILL	RAS	0.28	Light Collector	4.1B	\$1.99	4.1B	\$1.99	N	\$0.00
North	North County Metro	BUENA CREEK	FREDAS HILL	LAS POSAS	RAS	0.50	Light Collector	4.1B	\$3.55	4.1B	\$3.55	N	\$0.00
North	North County Metro	BUENA CREEK	LAS POSAS	TAMARA	RAS	0.43	Town Collector	4.1B	\$1.61	4.1B	\$1.61	N	\$0.00
North	North County Metro	BUENA CREEK	TAMARA	SUNSHINE MTN	RAS	0.38	Town Collector	4.1B	\$1.42	4.1B	\$1.42	N	\$0.00
North	North County Metro	BUENA CREEK	SUNSHINE MTN	TWIN OAKS VALLEY	RAS	0.12	Town Collector	4.1B	\$0.45	4.1B	\$0.45	N	\$0.00
North	North County Metro	CHAMPAGNE	OLD CASTLE	UNKNOWN	RAS	0.01	Town Collector	2.1A	\$0.01	4.1B	\$0.04	Y	\$0.03
North	North County Metro	CHAMPAGNE	UNKNOWN	LAWRENCE WELK	RAS	0.67	Town Collector	2.1A	\$0.58	4.1B	\$2.50	N	\$0.00
North	North County Metro	CHAMPAGNE	LAWRENCE WELK	UNKNOWN	RAS	0.17	Town Collector	4.1B	\$0.64	4.1B	\$0.64	N	\$0.00
North	North County Metro	CHAMPAGNE	UNKNOWN	UNKNOWN	RAS	0.18	Town Collector	4.1B	\$0.67	4.1B	\$0.67	N	\$0.00
North	North County Metro	CHAMPAGNE	UNKNOWN	UNKNOWN	RAS	0.54	Town Collector	4.1B	\$2.02	4.1B	\$2.02	N	\$0.00
North	North County Metro	CHAMPAGNE	UNKNOWN	MOUNTAIN MEADOW	RAS	1.81	Town Collector	4.1B	\$6.76	4.1B	\$6.76	N	\$0.00
North	North County Metro	CITRACADO	KAUANA LOA	AVNDA DEL DIABLO	RAS	0.10	Light Collector	2.1A	\$0.41	4.1A	\$1.15	Y	\$0.74

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Sub-Region	CPA	Roadway	To	From	Facility Type	Length (Miles)	Existing Cross-Section	Non-TIF Required Classification	Non-TIF Improvement Total Cost (Millions)	ME Classification	ME Improvement Total Cost (Millions)	TIF Eligible?	TIF Cost (Millions)
North	North County Metro	CITRACADO	SCENIC TL	EUCALYPTUS	RAS	0.25	Light Collector	2.1A	\$1.02	4.1A	\$2.87	Y	\$1.85
North	North County Metro	CITRACADO	EUCALYPTUS	BERNARDO	RAS	0.26	Light Collector	2.1A	\$1.06	4.1A	\$2.99	Y	\$1.92
North	North County Metro	CITRACADO	EUCALYPTUS	BERNARDO	RAS	0.24	Light Collector	2.1A	\$0.98	4.1A	\$2.76	Y	\$1.78
North	North County Metro	CITRACADO	BERNARDO	RAMP I-15 SB	RAS	0.12	Light Collector	4.1B	\$0.85	4.1A	\$1.38	Y	\$0.53
North	North County Metro	CLOVERDALE	UNKNOWN	ZONE CONNECTOR	Local	0.02	New	2.2E	\$0.26	2.2E	\$0.26	N	\$0.00
North	North County Metro	DEER SPRINGS	MULBERRY	MARILYN	RAS	0.17	Light Collector	6.2	\$4.11	6.2	\$4.11	N	\$0.00
North	North County Metro	DEER SPRINGS	MARILYN	UNKNOWN	RAS	0.20	Light Collector	6.2	\$4.84	6.2	\$4.84	N	\$0.00
North	North County Metro	DEER SPRINGS	UNKNOWN	VISTA MERRIAM	RAS	0.17	Light Collector	6.2	\$4.11	6.2	\$4.11	N	\$0.00
North	North County Metro	DEER SPRINGS	VISTA MERRIAM	ZONE CONNECTOR	RAS	0.33	Light Collector	6.2	\$7.98	6.2	\$7.98	N	\$0.00
North	North County Metro	DEER SPRINGS	ZONE CONNECTOR	ZONE CONNECTOR	RAS	0.36	Light Collector	6.2	\$8.70	6.2	\$8.70	N	\$0.00
North	North County Metro	DEER SPRINGS	ZONE CONNECTOR	ZONE CONNECTOR	RAS	0.52	Light Collector	6.2	\$12.57	6.2	\$12.57	N	\$0.00
North	North County Metro	DEER SPRINGS	ZONE CONNECTOR	MESA ROCK	RAS	0.23	Light Collector	6.2	\$5.56	6.2	\$5.56	N	\$0.00
North	North County Metro	DEER SPRINGS	MESA ROCK	RAMP I-15 SB	RAS	0.05	Light Collector	6.2	\$1.21	6.2	\$1.21	N	\$0.00
North	North County Metro	EL NORTE	REES	NUTMEG/NORDAHL	RAS	0.39	Collector	4.1B	\$0.00	4.1A	\$1.84	Y	\$1.84
North	North County Metro	HARMONY GROVE	UNKNOWN	COUNTRY CLUB	Local	0.18	Light Collector	2.2E	\$0.00	2.2B	\$0.72	N	\$0.00
North	North County Metro	HARMONY GROVE	ZONE CONNECTOR	UNKNOWN	Local	0.41	Light Collector	2.2E	\$0.00	2.2B	\$1.63	Y	\$1.63
North	North County Metro	HARMONY GROVE	AVNDA DEL DIABLO	ZONE CONNECTOR	Local	0.04	Light Collector	2.2E	\$0.00	2.2B	\$0.16	N	\$0.00
North	North County Metro	HARMONY GROVE	CITRACADO	AVNDA DEL DIABLO	Local	0.45	Light Collector	2.2E	\$0.00	2.2B	\$1.79	N	\$0.00
North	North County Metro	LAKE WOHLFORD	OAKVALE	FOXLEY	RAS	0.35	Light Collector	2.2F	\$0.17	2.2F	\$0.17	N	\$0.00
North	North County Metro	LAKE WOHLFORD	OAKVALE	FOXLEY	RAS	0.46	Light Collector	2.2F	\$0.22	2.2F	\$0.22	N	\$0.00
North	North County Metro	LAKE WOHLFORD	ZONE CONNECTOR	OAKVALE	RAS	0.73	Light Collector	2.2F	\$0.35	2.2F	\$0.35	N	\$0.00
North	North County Metro	LAKE WOHLFORD	GUEJITO	ZONE CONNECTOR	RAS	1.84	Light Collector	2.2F	\$0.89	2.2F	\$0.89	N	\$0.00
North	North County Metro	LAKE WOHLFORD	WOODS VALLEY	GUEJITO	RAS	0.10	Light Collector	2.2F	\$0.05	2.2F	\$0.05	N	\$0.00
North	North County Metro	LAS POSAS	BUENA CREEK	LA CIENEGA	RAS	0.46	New	2.2C	\$5.93	2.2C	\$5.93	N	\$0.00
North	North County Metro	LAS POSAS	LA CIENEGA	ZONE CONNECTOR	RAS	0.53	New	2.2C	\$6.83	2.2C	\$6.83	N	\$0.00
North	North County Metro	MAR VISTA	BUENA VISTA DR	CANNON	RAS	0.28	New	2.2E	\$3.61	2.2B	\$4.59	Y	\$0.98
North	North County Metro	MONTE VISTA	UNKNOWN	FOOTHILL	Regional	0.32	Light Collector	2.2E	\$0.00	4.1B	\$2.27	N	\$0.00
North	North County Metro	MONTE VISTA	FOOTHILL	LA RUEDA	Regional	0.23	Light Collector	4.1B	\$1.63	4.1B	\$1.63	N	\$0.00
North	North County Metro	MONTE VISTA	LA RUEDA	BUENA CREEK	Regional	0.32	Light Collector	4.1B	\$2.27	4.1B	\$2.27	N	\$0.00
North	North County Metro	MOUNTAIN MEADOW	RAMP I-15 SB	RAMP I-15 NB	RAS	0.15	Light Collector	4.1B	\$1.06	4.1B	\$1.06	N	\$0.00
North	North County Metro	MOUNTAIN MEADOW	RAMP I-15 NB	CHAMPAGNE	RAS	0.07	Light Collector	4.1B	\$0.50	4.1B	\$0.50	N	\$0.00
North	North County Metro	MOUNTAIN MEADOW	LEGEND ROCK	NORTH BROADWAY	RAS	1.28	New	2.1D	\$19.63	2.1D	\$19.63	N	\$0.00
North	North County Metro	MOUNTAIN MEADOW	NORTH BROADWAY	ZONE CONNECTOR	RAS	0.58	New	2.1D	\$8.89	2.1D	\$8.89	N	\$0.00
North	North County Metro	MOUNTAIN MEADOW	ZONE CONNECTOR	UNKNOWN	RAS	0.15	New	2.1D	\$2.30	2.1D	\$2.30	N	\$0.00
North	North County Metro	MTN VIEW	ZONE CONNECTOR	CLOVERDALE	Local	0.49	New	2.2E	\$6.31	2.2E	\$6.31	N	\$0.00
North	North County Metro	N CENTRE CITY	CHAMPAGNE	PROTEA GARDENS	RAS	0.20	Light Collector	2.2C	\$0.00	4.1B	\$1.42	N	\$0.00
North	North County Metro	N CENTRE CITY	PROTEA GARDENS	JESMOND DENE	RAS	0.37	Light Collector	2.2C	\$0.00	4.1B	\$2.63	N	\$0.00
North	North County Metro	N CENTRE CITY	JESMOND DENE	MESA ROCK	RAS	1.26	Light Collector	4.1B	\$8.94	4.1B	\$8.94	N	\$0.00
North	North County Metro	N CENTRE CITY	MESA ROCK	IVY DELL	RAS	0.35	Light Collector	4.1B	\$2.48	4.1B	\$2.48	N	\$0.00
North	North County Metro	N CENTRE CITY	IVY DELL	CENTRE CITY	RAS	0.26	Light Collector	4.1B	\$1.85	4.1B	\$1.85	N	\$0.00
North	North County Metro	NORDAHL	NUTMEG/NORDAHL	ZONE CONNECTOR	RAS	0.17	Light Collector	4.1B	\$1.21	4.1B	\$1.21	N	\$0.00
North	North County Metro	NORDAHL	ZONE CONNECTOR	ROCK SPRINGS	RAS	0.28	Light Collector	4.1B	\$1.99	4.1B	\$1.99	N	\$0.00
North	North County Metro	NORDAHL	ROCK SPRINGS	NOB HILL	RAS	0.31	Light Collector	4.1B	\$2.20	4.1B	\$2.20	N	\$0.00
North	North County Metro	NORTH BROADWAY	MOUNTAIN MEADOW	REIDY CANYON	Local	0.24	New	2.1D	\$3.68	2.1D	\$3.68	N	\$0.00
North	North County Metro	ROCK SPRINGS	ZONE CONNECTOR	BENNETT	Regional	0.01	Light Collector	4.1B	\$0.07	4.1B	\$0.07	N	\$0.00
North	North County Metro	ROCK SPRINGS	BENNETT	REES	Regional	0.26	Light Collector	4.1B	\$1.85	4.1B	\$1.85	N	\$0.00
North	North County Metro	ROCK SPRINGS	REES	UNNAMED 9F	Regional	0.23	Light Collector	4.1B	\$1.63	4.1B	\$1.63	N	\$0.00
North	North County Metro	ROCK SPRINGS	UNNAMED 9F	NORDAHL	Regional	0.20	Light Collector	4.1B	\$1.42	4.1B	\$1.42	N	\$0.00
North	North County Metro	ROCK SPRINGS	ROCK SPRINGS	ZONE CONNECTOR	Regional	0.25	Light Collector	2.2C	\$0.00	4.1B	\$1.77	Y	\$1.77
North	North County Metro	ROCK SPRINGS	ZONE CONNECTOR	DEODAR	Regional	0.10	Light Collector	2.2C	\$0.00	4.1B	\$0.71	Y	\$0.71
North	North County Metro	ROCK SPRINGS	DEODAR	MONTIEL	Regional	0.08	Light Collector	2.1A	\$0.33	4.1B	\$0.57	Y	\$0.24
North	North County Metro	ROCK SPRINGS	MONTIEL	SEVEN OAKES	Regional	0.05	Light Collector	2.1A	\$0.20	4.1B	\$0.35	Y	\$0.15
North	North County Metro	ROCK SPRINGS	SEVEN OAKES	BORDEN	Regional	0.05	Light Collector	2.1A	\$0.20	4.1B	\$0.35	Y	\$0.15
North	North County Metro	SAN PASQUAL	ZERMATT	VIA RANCHO	Regional	0.17	Town Collector	4.1B	\$0.64	4.1B	\$0.64	N	\$0.00
North	North County Metro	SAN PASQUAL	ZERMATT	VIA RANCHO	Regional	0.09	Town Collector	4.1B	\$0.34	4.1B	\$0.34	N	\$0.00
North	North County Metro	SAN PASQUAL	ZERMATT	VIA RANCHO	Regional	0.04	Town Collector	4.1B	\$0.15	4.1B	\$0.15	N	\$0.00
North	North County Metro	SAN PASQUAL	ZERMATT	VIA RANCHO	Regional	0.03	Town Collector	4.1B	\$0.11	4.1B	\$0.11	N	\$0.00
North	North County Metro	SAN PASQUAL	ZERMATT	VIA RANCHO	Regional	0.09	Town Collector	4.1B	\$0.34	4.1B	\$0.34	N	\$0.00
North	North County Metro	SAN PASQUAL	ZERMATT	VIA RANCHO	Regional	0.08	Town Collector	4.1B	\$0.30	4.1B	\$0.30	N	\$0.00
North	North County Metro	SAN PASQUAL VALLEY	BIRCH/RANRIDO	IDAHO	State	0.42	Light Collector	4.1B	\$2.98	4.1B	\$2.98	N	\$0.00

Appendix E -Mobility Element Improvements Costs for Both TIF and Non-TIF Improvements

Sub-Region	CPA	Roadway	To	From	Facility Type	Length (Miles)	Existing Cross-Section	Non-TIF Required Classification	Non-TIF Improvement Total Cost (Millions)	ME Classification	ME Improvement Total Cost (Millions)	TIF Eligible?	TIF Cost (Millions)
North	North County Metro	SAN PASQUAL VALLEY	IDAHO	17TH	State	0.34	Light Collector	4.1B	\$2.41	4.1B	\$2.41	N	\$0.00
North	North County Metro	SAN PASQUAL VALLEY	17TH	BEAR VALLEY	State	0.44	Light Collector	2.2C	\$0.00	4.1B	\$3.12	N	\$0.00
North	North County Metro	SAN PASQUAL VALLEY	BEAR VALLEY	CITRUS	State	0.08	Light Collector	2.2C	\$0.00	4.1A	\$0.92	N	\$0.00
North	North County Metro	SAN PASQUAL VALLEY	CITRUS	SUMMIT	State	0.23	Light Collector	2.2C	\$0.00	4.1A	\$2.64	Y	\$2.64
North	North County Metro	SAN PASQUAL VALLEY	SUMMIT	TEEPEE	State	0.44	Light Collector	2.2C	\$0.00	4.1A	\$5.05	N	\$0.00
North	North County Metro	SAN PASQUAL VALLEY	TEEPEE	HIGHGROVE	State	0.10	Town Collector	2.2C	\$0.00	4.1A	\$0.81	N	\$0.00
North	North County Metro	SAN PASQUAL VALLEY	HIGHGROVE	OLD SAN PASQUAL	State	0.11	Town Collector	2.2C	\$0.00	4.1A	\$0.89	N	\$0.00
North	North County Metro	SMILAX	OLEANDER	MIMOSA	Regional	0.31	New	4.1B	\$6.44	4.1B	\$6.44	N	\$0.00
North	North County Metro	SOUTH SANTA FE	MONTGOMERY	ZONE CONNECTOR	RAS	0.45	Light Collector	4.1B	\$3.19	4.1A	\$5.17	Y	\$1.97
North	North County Metro	SOUTH SANTA FE	ZONE CONNECTOR	YORK	RAS	0.05	Light Collector	4.1B	\$0.35	4.1A	\$0.57	Y	\$0.22
North	North County Metro	SOUTH SANTA FE	YORK	WOODLAND	RAS	0.06	Light Collector	4.1B	\$0.43	4.1A	\$0.69	Y	\$0.26
North	North County Metro	SOUTH SANTA FE	WOODLAND	TIBER	RAS	0.09	Light Collector	4.1B	\$0.64	4.1A	\$1.03	Y	\$0.39
North	North County Metro	SOUTH SANTA FE	TIBER	ROBELINI	RAS	0.18	Light Collector	4.1B	\$1.28	4.1A	\$2.07	Y	\$0.79
North	North County Metro	SOUTH SANTA FE	ROBELINI	BUENA CREEK	RAS	0.08	Light Collector	4.1B	\$0.57	4.1A	\$0.92	Y	\$0.35
North	North County Metro	SOUTH SANTA FE	BUENA CREEK	ZONE CONNECTOR	RAS	0.07	Light Collector	4.1B	\$0.50	4.1A	\$0.80	Y	\$0.31
North	North County Metro	SOUTH SANTA FE	ZONE CONNECTOR	PALMYRA	RAS	0.11	Light Collector	4.1B	\$0.78	4.1A	\$1.26	Y	\$0.48
North	North County Metro	SOUTH SANTA FE	PALMYRA	AZALEA	RAS	0.20	Light Collector	4.1B	\$1.42	4.1A	\$2.30	Y	\$0.88
North	North County Metro	SOUTH SANTA FE	AZALEA	POINSETTIA	RAS	0.14	Light Collector	4.1B	\$0.99	4.1A	\$1.61	Y	\$0.61
North	North County Metro	SOUTH SANTA FE	POINSETTIA	2430/2503	RAS	0.19	Light Collector	4.1B	\$1.35	4.1A	\$2.18	Y	\$0.83
North	North County Metro	SOUTH SANTA FE	2430/2503	SMILAX	RAS	0.11	Light Collector	4.1B	\$0.78	4.1A	\$1.26	Y	\$0.48
North	North County Metro	SYCAMORE	BUENA CREEK	UNKNOWN	RAS	0.11	Light Collector	6.2	\$2.66	6.2	\$2.66	N	\$0.00
North	North County Metro	SYCAMORE	UNKNOWN	ROBELINI	RAS	0.14	Light Collector	6.2	\$3.38	6.2	\$3.38	N	\$0.00
North	North County Metro	SYCAMORE	ROBELINI	LOBELIA	RAS	0.01	Light Collector	6.2	\$0.24	6.2	\$0.24	N	\$0.00
North	North County Metro	VALLEY	CLAUDAN	VIA RANCHO	RAS	0.05	Light Collector	4.1A	\$0.57	4.1A	\$0.57	N	\$0.00
North	North County Metro	VIA RANCHO	DEL DIOS	LAKE	RAS	0.06	Light Collector	2.2E	\$0.00	4.1A	\$0.69	Y	\$0.69
North	North County Metro	VIA RANCHO	LAKE	HIGHLANDS WEST	RAS	0.20	Light Collector	2.2E	\$0.00	4.1A	\$2.30	Y	\$2.30
North	North County Metro	VIA RANCHO	HIGHLANDS WEST	EUCALYPTUS	RAS	0.49	Light Collector	2.2E	\$0.00	4.1A	\$5.63	Y	\$5.63
North	North County Metro	VIA RANCHO	EUCALYPTUS	VIA LOMA VISTA	RAS	0.57	Light Collector	2.2E	\$0.00	4.1A	\$6.54	Y	\$6.54
North	North County Metro	VIA RANCHO	VIA LOMA VISTA	FELICITA	RAS	0.74	Light Collector	2.2C	\$0.00	4.1A	\$8.50	Y	\$8.50
North	North County Metro	VIA RANCHO	FELICITA	MONTESANO	RAS	0.13	Light Collector	4.1B	\$0.92	4.1A	\$1.49	Y	\$0.57
North	North County Metro	VIA RANCHO	OLD PASQUAL	VIENTO VALLE	Regional	0.28	Light Collector	2.1A	\$1.14	4.1B	\$1.99	N	\$0.00
North	North County Metro	VIA RANCHO	VIENTO VALLE	SAN PASQUAL	Regional	0.07	Light Collector	2.1A	\$0.29	4.1B	\$0.50	N	\$0.00
North	Pala-Pauma	COLE GRADE NEW	SR-76	UNKNOWN	Local	1.09	New	2.3B	\$13.08	2.3B	\$13.08	N	\$0.00
North	Pala-Pauma	COLE GRADE NEW	UNKNOWN	SR-76	Local	1.04	New	2.3B	\$12.48	2.3B	\$12.48	N	\$0.00
North	Pendleton-De Luz	CHRISTIANITOS	CAMP TALEGA	TENAJA TRUCK	Local	0.17	New	2.2E	\$2.19	2.2E	\$2.19	N	\$0.00
North	San Dieguito	CAM DEL NORTE	SF 1407	4SR	RAS	0.29	Major	4.1A	\$0.00	6.2	\$2.25	N	\$0.00
North	San Dieguito	CAM DEL NORTE	4SR	DOVE CANYON	RAS	0.25	Major	4.1A	\$0.00	6.2	\$1.94	N	\$0.00
North	San Dieguito	EL APAJO	VIA DE LA VALLE	VIA DE SANTA FE	Local	0.33	New	2.1A	\$4.66	2.1A	\$4.66	N	\$0.00
North	San Dieguito	EL APAJO	VIA DE SANTA FE	SAN DIEGUITO	Local	0.57	Light Collector	2.2C	\$0.00	2.1A	\$2.33	Y	\$2.33
North	San Dieguito	EL CAMINO DEL NORTE	VAL SERENO	LAS MONTANAS	Local	0.62	Light Collector	2.2F	\$0.30	2.2F	\$0.30	N	\$0.00
North	San Dieguito	EL CAMINO DEL NORTE	LAS MONTANAS	VIA DE SUENO	Local	0.19	Light Collector	2.2F	\$0.09	2.2F	\$0.09	N	\$0.00
North	San Dieguito	EL CAMINO DEL NORTE	VIA DE SUENO	VIA DE FORTUNA	Local	0.17	Light Collector	2.2F	\$0.08	2.2F	\$0.08	N	\$0.00
North	San Dieguito	EL CAMINO DEL NORTE	VIA DE FORTUNA	VIA ROSWITHA	Local	0.41	Light Collector	2.2F	\$0.20	2.2F	\$0.20	N	\$0.00
North	San Dieguito	EL CAMINO DEL NORTE	VIA ROSWITHA	ZONE CONNECTOR	Local	0.14	Light Collector	2.2F	\$0.07	2.2F	\$0.07	N	\$0.00
North	San Dieguito	EL CAMINO DEL NORTE	ZONE CONNECTOR	LAGO VISTA	Local	0.61	Light Collector	2.2F	\$0.30	2.2F	\$0.30	N	\$0.00
North	San Dieguito	EL CAMINO DEL NORTE	LAGO VISTA	LAGO LINDO	Local	0.07	Light Collector	2.2F	\$0.03	2.2F	\$0.03	N	\$0.00
North	San Dieguito	EL CAMINO DEL NORTE	LAGO LINDO	ALISO CANYON	Local	0.11	Light Collector	2.2F	\$0.05	2.2F	\$0.05	N	\$0.00
North	San Dieguito	EL CAMINO DEL NORTE	ALISO CANYON	RANCHO CIELO	Local	0.14	Light Collector	2.2F	\$0.07	2.2F	\$0.07	N	\$0.00
North	San Dieguito	EL CAMINO DEL NORTE	RANCHO CIELO	UNKNOWN	Local	0.18	Light Collector	2.2F	\$0.09	2.2F	\$0.09	N	\$0.00
North	San Dieguito	EL CAMINO DEL NORTE	UNKNOWN	DEL DIOS ROUNDABOUT	Local	0.24	Light Collector	2.2F	\$0.12	2.2F	\$0.12	N	\$0.00
North	San Dieguito	EL CAMINO DEL NORTE	DEL DIOS ROUNDABOUT	DEL DIOS/PS DELICIAS	Local	0.06	Light Collector	2.2F	\$0.03	2.2F	\$0.03	N	\$0.00
North	San Dieguito	EL CAMINO REAL	LA NORIA	UNKNOWN	Local	0.83	Light Collector	2.2F	\$0.40	2.2F	\$0.40	N	\$0.00
North	San Dieguito	EL CAMINO REAL	LA NORIA	UNKNOWN	Local	0.09	Light Collector	2.2F	\$0.04	2.2F	\$0.04	N	\$0.00
North	San Dieguito	EL CAMINO REAL	LA NORIA	UNKNOWN	Local	0.08	Light Collector	2.2F	\$0.04	2.2F	\$0.04	N	\$0.00
North	San Dieguito	EL CAMINO REAL	UNKNOWN	HIGHLAND	Local	0.34	Light Collector	2.2F	\$0.16	2.2F	\$0.16	N	\$0.00
North	San Dieguito	EL CAMINO REAL	HIGHLAND	LINEA DEL CIELO	Local	0.69	Light Collector	2.2F	\$0.33	2.2F	\$0.33	N	\$0.00
North	San Dieguito	EL CAMINO REAL	LINEA DEL CIELO	ZONE CONNECTOR	Local	0.48	Light Collector	2.2F	\$0.23	2.2F	\$0.23	N	\$0.00
North	San Dieguito	EL CAMINO REAL	ZONE CONNECTOR	LADERA SARINA	Local	0.31	New	2.2F	\$3.07	2.2F	\$3.07	N	\$0.00
North	San Dieguito	EL CAMINO REAL	LADERA SARINA	RANCHO DEL MADISON	Local	0.35	Light Collector	2.2F	\$0.17	2.2F	\$0.17	N	\$0.00
North	San Dieguito	LA BAJADA	EL MIRLO	LA NORIA	Local	0.29	Light Collector	2.2F	\$0.14	2.2F	\$0.14	N	\$0.00

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Sub-Region	CPA	Roadway	To	From	Facility Type	Length (Miles)	Existing Cross-Section	Non-TIF Required Classification	Non-TIF Improvement Total Cost (Millions)	ME Classification	ME Improvement Total Cost (Millions)	TIF Eligible?	TIF Cost (Millions)
North	San Dieguito	LA BAJADA	LA NORIA	LOS MORROS	Local	0.24	Light Collector	2.2F	\$0.12	2.2F	\$0.12	N	\$0.00
North	San Dieguito	LA GRANADA	LOS MORROS	SAN ELIJO	Local	0.14	Light Collector	2.2F	\$0.07	2.2F	\$0.07	N	\$0.00
North	San Dieguito	LA GRANADA	SAN ELIJO	RAMBLA DE LAS FLORES	Local	0.03	Light Collector	2.2F	\$0.01	2.2F	\$0.01	N	\$0.00
North	San Dieguito	LA GRANADA	RAMBLA DE LAS FLORES	SOBRE LOS CERROS	Local	0.86	Light Collector	2.2F	\$0.42	2.2F	\$0.42	N	\$0.00
North	San Dieguito	LA GRANADA	SOBRE LOS CERROS	AVNDA DE ACACIAS	Local	0.48	Light Collector	2.2F	\$0.23	2.2F	\$0.23	N	\$0.00
North	San Dieguito	LA GRANADA	AVNDA DE ACACIAS	PASEO DELICIAS	Local	0.17	Light Collector	2.2F	\$0.08	2.2F	\$0.08	N	\$0.00
North	San Dieguito	LA NORIA	LA BAJADA	EL PUENTE	Local	0.78	Light Collector	2.2F	\$0.38	2.2F	\$0.38	N	\$0.00
North	San Dieguito	LINEA DEL CIELO	PASEO DELICIAS	EL SECRETO	Local	0.59	Light Collector	2.2F	\$0.29	2.2F	\$0.29	N	\$0.00
North	San Dieguito	LINEA DEL CIELO	EL SECRETO	ZONE CONNECTOR	Local	0.39	Light Collector	2.2F	\$0.19	2.2F	\$0.19	N	\$0.00
North	San Dieguito	LINEA DEL CIELO	ZONE CONNECTOR	RAMBLA DE LAS FLORES	Local	0.53	Light Collector	2.2F	\$0.26	2.2F	\$0.26	N	\$0.00
North	San Dieguito	LINEA DEL CIELO	RAMBLA DE LAS FLORES	LAS PLANIDERAS	Local	0.57	Light Collector	2.2F	\$0.28	2.2F	\$0.28	N	\$0.00
North	San Dieguito	LINEA DEL CIELO	LAS PLANIDERAS	EL CAMINO REAL	Local	0.11	Light Collector	2.2F	\$0.05	2.2F	\$0.05	N	\$0.00
North	San Dieguito	LINEA DEL CIELO	EL CAMINO REAL	LOMAS SANTA FE	Local	0.40	Light Collector	2.2F	\$0.19	2.2F	\$0.19	N	\$0.00
North	San Dieguito	LOMAS SANTA FE	HIGHLAND	SUN VALLEY	Local	0.10	Light Collector	2.2F	\$0.05	2.2F	\$0.05	N	\$0.00
North	San Dieguito	LOMAS SANTA FE	SUN VALLEY	LINEA DEL CIELO	Local	0.45	Light Collector	2.2F	\$0.22	2.2F	\$0.22	N	\$0.00
North	San Dieguito	LOS MORROS	LA ENTRADA	LA GRANADA	Local	0.32	Light Collector	2.2F	\$0.16	2.2F	\$0.16	N	\$0.00
North	San Dieguito	PASEO DELICIAS	EL CAMINO DEL NORTE	DEL DIOS ROUNDABOUT	RAS	0.06	Light Collector	2.2A	\$0.26	2.2A	\$0.26	N	\$0.00
North	San Dieguito	PASEO DELICIAS	DEL DIOS ROUNDABOUT	DEL DIOS ROUNDABOUT	RAS	0.44	Light Collector	2.2A	\$1.91	2.2A	\$1.91	N	\$0.00
North	San Dieguito	PASEO DELICIAS	DEL DIOS ROUNDABOUT	LAVALLE PLATEADA	RAS	0.49	Light Collector	2.2A	\$2.12	2.2A	\$2.12	N	\$0.00
North	San Dieguito	PASEO DELICIAS	LAVALLE PLATEADA	DEL DIOS ROUNDABOUT	RAS	0.06	Light Collector	2.2A	\$0.26	2.2A	\$0.26	N	\$0.00
North	San Dieguito	PASEO DELICIAS	DEL DIOS ROUNDABOUT	LA GRANADA	RAS	0.20	Light Collector	2.2A	\$0.87	2.2A	\$0.87	N	\$0.00
North	San Dieguito	PASEO DELICIAS	LA GRANADA	LINEA DEL CIELO	RAS	0.08	Light Collector	2.2E	\$0.00	2.2A	\$0.35	Y	\$0.35
North	San Dieguito	RANCHO SANTA FE	ZONE CONNECTOR	EL MIRLO	Local	0.17	Light Collector	2.2F	\$0.08	2.2F	\$0.08	N	\$0.00
North	San Dieguito	SAN DIEGUITO	UNKNOWN	CAM SANTA FE	Regional	0.02	Light Collector	2.2E	\$0.00	4.1A	\$0.23	Y	\$0.23
North	San Dieguito	SAN DIEGUITO	EL APAJO	UNKNOWN	Regional	0.08	Light Collector	2.2E	\$0.00	4.1A	\$0.92	Y	\$0.92
North	San Dieguito	SAN DIEGUITO	VIA DOS VALLES	EL APAJO	Local	0.74	Light Collector	2.1A	\$3.02	2.1A	\$3.02	N	\$0.00
North	San Dieguito	SAN DIEGUITO	ZONE CONNECTOR	VIA DOS VALLES	Local	0.85	Light Collector	2.1A	\$3.47	2.1A	\$3.47	N	\$0.00
North	San Dieguito	VIA DE LA VALLE	14906	EL CAMINO REAL	RAS	0.14	Light Collector	2.1B	\$0.52	2.1B	\$0.52	N	\$0.00
North	Valley Center	ANTHONY	WEST LILAC	UNKNOWN	Local	0.48	New	2.2C	\$6.19	2.2C	\$6.19	N	\$0.00
North	Valley Center	ANTHONY	UNKNOWN	UNKNOWN	Local	1.28	New	2.2C	\$16.50	2.2C	\$16.50	N	\$0.00
North	Valley Center	ANTHONY	UNKNOWN	LILAC	Local	0.81	New	2.2C	\$10.44	2.2C	\$10.44	N	\$0.00
North	Valley Center	CHAMPAGNE	GOPHER CANYON	OLD CASTLE	RAS	0.16	Light Collector	4.1B	\$1.14	4.1B	\$1.14	N	\$0.00
North	Valley Center	CHAMPAGNE	OLD CASTLE	UNKNOWN	RAS	0.03	Town Collector	2.1A	\$0.03	4.1B	\$0.11	Y	\$0.09
North	Valley Center	CHAMPAGNE	OLD CASTLE	UNKNOWN	RAS	0.05	Town Collector	2.1A	\$0.04	4.1B	\$0.19	Y	\$0.14
North	Valley Center	CHAMPAGNE	OLD CASTLE	UNKNOWN	RAS	0.05	Town Collector	2.1A	\$0.04	4.1B	\$0.19	Y	\$0.14
North	Valley Center	CHAMPAGNE	OLD CASTLE	UNKNOWN	RAS	0.04	Town Collector	2.1A	\$0.03	4.1B	\$0.15	Y	\$0.12
North	Valley Center	CHAMPAGNE	OLD CASTLE	UNKNOWN	RAS	0.07	Town Collector	2.1A	\$0.06	4.1B	\$0.26	Y	\$0.20
North	Valley Center	CHAMPAGNE	OLD CASTLE	UNKNOWN	RAS	0.01	Town Collector	2.1A	\$0.01	4.1B	\$0.04	Y	\$0.03
North	Valley Center	CHAMPAGNE	OLD CASTLE	UNKNOWN	RAS	0.09	Town Collector	2.1A	\$0.08	4.1B	\$0.34	N	\$0.00
North	Valley Center	CHAMPAGNE	OLD CASTLE	UNKNOWN	RAS	0.02	Town Collector	2.1A	\$0.02	4.1B	\$0.07	Y	\$0.06
North	Valley Center	COLE GRADE	FRUITVALE	JAKE	RAS	0.35	Light Collector	2.2E	\$0.00	4.2A	\$3.86	Y	\$3.86
North	Valley Center	COLE GRADE	JAKE	ZONE CONNECTOR	RAS	0.13	Light Collector	2.2E	\$0.00	4.2A	\$1.43	Y	\$1.43
North	Valley Center	COLE GRADE	ZONE CONNECTOR	VALLEY CENTER	RAS	0.19	Light Collector	2.2E	\$0.00	4.2A	\$2.10	Y	\$2.10
North	Valley Center	CYPRESS	LILAC	ZONE CONNECTOR	Regional	0.39	Light Collector	4.2B	\$2.79	4.2B	\$2.79	N	\$0.00
North	Valley Center	CYPRESS	ZONE CONNECTOR	CHARLAN	Regional	0.38	Light Collector	4.2B	\$2.72	4.2B	\$2.72	N	\$0.00
North	Valley Center	GLEN	UNKNOWN	ANTHONY	Local	1.42	New	2.2C	\$18.30	2.2C	\$18.30	N	\$0.00
North	Valley Center	GLEN	UNKNOWN	UNKNOWN	Local	1.01	New	2.2C	\$13.02	2.2C	\$13.02	N	\$0.00
North	Valley Center	GLEN	UNKNOWN	UNKNOWN	Local	0.24	New	2.2C	\$3.09	2.2C	\$3.09	N	\$0.00
North	Valley Center	GLEN	PAUMA HEIGHTS	UNKNOWN	Local	0.87	New	2.2C	\$11.21	2.2C	\$11.21	N	\$0.00
North	Valley Center	LILAC	ANTHONY	UNKNOWN	Regional	0.43	Light Collector	2.2E	\$0.00	4.2B	\$3.08	Y	\$3.08
North	Valley Center	LILAC	UNKNOWN	BETSWORTH	Regional	0.97	Light Collector	2.2E	\$0.00	4.2B	\$6.95	Y	\$6.95
North	Valley Center	LILAC	BETSWORTH	CYPRESS	Regional	0.15	Light Collector	2.2E	\$0.00	4.2B	\$1.07	Y	\$1.07
North	Valley Center	LILAC	CYPRESS	VALLEY CENTER	Regional	0.15	Light Collector	4.2B	\$1.07	4.2B	\$1.07	N	\$0.00
North	Valley Center	MOUNTAIN MEADOW	ZONE CONNECTOR	UNKNOWN	RAS	0.43	New	2.1D	\$6.59	2.1D	\$6.59	N	\$0.00
North	Valley Center	MOUNTAIN MEADOW	UNKNOWN	UNKNOWN	RAS	0.60	New	2.1D	\$9.20	2.1D	\$9.20	N	\$0.00
North	Valley Center	MOUNTAIN MEADOW	UNKNOWN	UNKNOWN	RAS	0.06	New	2.1D	\$0.92	2.1D	\$0.92	N	\$0.00
North	Valley Center	MOUNTAIN MEADOW	UNKNOWN	UNKNOWN	RAS	0.43	New	2.1D	\$6.59	2.1D	\$6.59	N	\$0.00
North	Valley Center	MOUNTAIN MEADOW	UNKNOWN	UNKNOWN	RAS	0.01	New	2.1D	\$0.15	2.1D	\$0.15	N	\$0.00
North	Valley Center	MOUNTAIN MEADOW	UNKNOWN	FRACE	RAS	0.28	New	2.1D	\$4.29	2.1D	\$4.29	N	\$0.00
North	Valley Center	MOUNTAIN MEADOW	FRACE	ZONE CONNECTOR	RAS	0.72	New	2.1D	\$11.04	2.1D	\$11.04	N	\$0.00

Appendix E -Mobility Element Improvements Costs for Both TIF and Non-TIF Improvements

Sub-Region	CPA	Roadway	To	From	Facility Type	Length (Miles)	Existing Cross-Section	Non-TIF Required Classification	Non-TIF Improvement Total Cost (Millions)	ME Classification	ME Improvement Total Cost (Millions)	TIF Eligible?	TIF Cost (Millions)
North	Valley Center	OLD 395	LILAC RIDGE	ZONE CONNECTOR	RAS	0.03	Light Collector	2.2C	\$0.00	4.1B	\$0.21	Y	\$0.21
North	Valley Center	OLD 395	LILAC RIDGE	ZONE CONNECTOR	RAS	0.01	Light Collector	2.2C	\$0.00	4.1B	\$0.07	Y	\$0.07
North	Valley Center	OLD 395	LILAC RIDGE	ZONE CONNECTOR	RAS	0.13	Light Collector	2.2C	\$0.00	4.1B	\$0.92	Y	\$0.92
North	Valley Center	OLD 395	LILAC RIDGE	ZONE CONNECTOR	RAS	0.05	Light Collector	2.2C	\$0.00	4.1B	\$0.35	Y	\$0.35
North	Valley Center	OLD 395	ZONE CONNECTOR	CAM DEL REY	RAS	0.06	Light Collector	2.2C	\$0.00	4.1B	\$0.43	Y	\$0.43
North	Valley Center	OLD 395	ZONE CONNECTOR	CAM DEL REY	RAS	0.10	Light Collector	2.2C	\$0.00	4.1B	\$0.71	Y	\$0.71
North	Valley Center	OLD 395	CAM DEL REY	CIRCLE R	RAS	0.15	Town Collector	4.1B	\$0.56	4.1B	\$0.56	N	\$0.00
North	Valley Center	OLD 395	CAM DEL REY	CIRCLE R	RAS	0.08	Town Collector	4.1B	\$0.30	4.1B	\$0.30	N	\$0.00
North	Valley Center	OLD 395	CAM DEL REY	CIRCLE R	RAS	0.05	Town Collector	4.1B	\$0.19	4.1B	\$0.19	N	\$0.00
North	Valley Center	OLD 395	CAM DEL REY	CIRCLE R	RAS	0.11	Town Collector	4.1B	\$0.41	4.1B	\$0.41	N	\$0.00
North	Valley Center	OLD 395	CIRCLE R	GOPHER CANYON	RAS	0.15	Light Collector	4.1B	\$1.06	4.1B	\$1.06	N	\$0.00
North	Valley Center	TURTLE ROCK	BALLARENA	COLE GRADE	Local	0.14	New	2.3B	\$1.68	2.3B	\$1.68	N	\$0.00
North	Valley Center	VALLEY CENTER	WILHITE	VESPER	RAS	0.33	Light Collector	2.2C	\$0.00	4.2A	\$3.64	N	\$0.00
North	Valley Center	VALLEY CENTER	VESPER	COLE GRADE	RAS	0.21	Light Collector	4.2A	\$2.32	4.2A	\$2.32	N	\$0.00
North	Valley Center	VILLA SIERRA	UNKNOWN	UNKNOWN	Local	0.97	New	2.3C	\$11.64	2.3C	\$11.64	N	\$0.00
North	Valley Center	VILLA SIERRA	UNKNOWN	UNKNOWN	Local	0.30	New	2.3C	\$3.60	2.3C	\$3.60	N	\$0.00
North	Valley Center	VILLA SIERRA	UNKNOWN	MACTAN	Local	0.30	New	2.3C	\$3.60	2.3C	\$3.60	N	\$0.00
North	Valley Center	WEST LILAC	ANTHONY	LILAC RIDGE	Local	0.09	Light Collector	2.2F	\$0.04	2.2F	\$0.04	N	\$0.00
North	Valley Center	WEST LILAC	LILAC RIDGE	ZONE CONNECTOR	Local	0.47	Light Collector	2.2F	\$0.23	2.2F	\$0.23	N	\$0.00
North	Valley Center	WEST LILAC	ZONE CONNECTOR	ZONE CONNECTOR	Local	0.74	New	2.2F	\$7.33	2.2F	\$7.33	N	\$0.00
North	Valley Center	WEST LILAC	ZONE CONNECTOR	CIRCLE R	Local	0.60	Light Collector	2.2F	\$0.29	2.2F	\$0.29	N	\$0.00
North	Valley Center	WEST LILAC	CIRCLE R	LILAC HILLS	Local	0.44	Light Collector	2.2F	\$0.21	2.2F	\$0.21	N	\$0.00
North	Valley Center	WEST LILAC	LILAC HILLS	UNKNOWN	Local	0.97	Light Collector	2.2F	\$0.47	2.2F	\$0.47	N	\$0.00
North	Valley Center	WEST LILAC	UNKNOWN	LILAC	Local	0.42	Light Collector	2.2F	\$0.20	2.2F	\$0.20	N	\$0.00
East	Central Mountain	BOULDER CREEK	PINE HILLS	ENGINEERS	Local	0.28	Light Collector	2.2F	\$0.14	2.2F	\$0.14	N	\$0.00
East	Central Mountain	ENGINEERS	BOULDER CREEK	ZONE CONNECTOR	Local	1.08	Light Collector	2.2F	\$0.52	2.2F	\$0.52	N	\$0.00
East	Central Mountain	ENGINEERS	ZONE CONNECTOR	SR-79	Local	4.65	Light Collector	2.2F	\$2.26	2.2F	\$2.26	N	\$0.00
East	Central Mountain	JAPATUL VALLEY	RAMP I-8 EB	ALPINE	Local	0.07	Light Collector	2.2F	\$0.03	2.2F	\$0.03	N	\$0.00
East	Central Mountain	JAPATUL VALLEY	ALPINE	ZONE CONNECTOR	Local	0.46	Light Collector	2.2F	\$0.22	2.2F	\$0.22	N	\$0.00
East	Central Mountain	JAPATUL VALLEY	ZONE CONNECTOR	AVNDA DE LOS ARBOLES	Local	0.57	Light Collector	2.2F	\$0.28	2.2F	\$0.28	N	\$0.00
East	Desert	TILTING T	DI GIORGIO	MARKER	Local	0.63	Light Collector	2.2E	\$0.00	2.2B	\$2.51	N	\$0.00
East	Desert	TILTING T	MARKER	BORREGO VALLEY	Local	0.62	Light Collector	2.2E	\$0.00	2.2B	\$2.47	N	\$0.00
East	Julian	BOULDER CREEK	PINE HILLS	ENGINEERS	Local	2.59	Light Collector	2.2F	\$1.26	2.2F	\$1.26	N	\$0.00
East	Julian	FARMER	ZONE CONNECTOR	SR-78	Local	0.45	Light Collector	2.2F	\$0.22	2.2F	\$0.22	N	\$0.00
East	Julian	FARMER	ZONE CONNECTOR	ZONE CONNECTOR	Local	0.44	Light Collector	2.2F	\$0.21	2.2F	\$0.21	N	\$0.00
East	Julian	FARMER	WYNOLA	ZONE CONNECTOR	Local	1.30	Light Collector	2.2F	\$0.63	2.2F	\$0.63	N	\$0.00
East	Julian	PINE HILLS	EAGLE PEAK	UNKNOWN	Local	0.60	Light Collector	2.2F	\$0.29	2.2F	\$0.29	N	\$0.00
East	Julian	PINE HILLS	UNKNOWN	BOULDER CREEK	Local	1.13	Light Collector	2.2F	\$0.55	2.2F	\$0.55	N	\$0.00
East	Julian	PINE HILLS	SR-78	EAGLE PEAK	Local	1.58	Light Collector	2.2F	\$0.77	2.2F	\$0.77	N	\$0.00
East	Julian	WYNOLA	SR-78	UNKNOWN	Local	0.37	Light Collector	2.2F	\$0.18	2.2F	\$0.18	N	\$0.00
East	Julian	WYNOLA	UNKNOWN	FARMER	Local	2.94	Light Collector	2.2F	\$1.43	2.2F	\$1.43	N	\$0.00
East	Julian	WYNOLA	FARMER	SR-78	Local	0.79	Light Collector	2.2F	\$0.38	2.2F	\$0.38	N	\$0.00
East	Mountain Empire	LA POSTA	OLD 80	ZONE CONNECTOR	Local	1.57	Light Collector	2.2F	\$0.76	2.2F	\$0.76	N	\$0.00
East	Mountain Empire	LA POSTA	ZONE CONNECTOR	LA POSTA TRUCK	Local	1.22	Light Collector	2.2F	\$0.59	2.2F	\$0.59	N	\$0.00
East	Mountain Empire	LA POSTA	LA POSTA TRUCK	ZONE CONNECTOR	Local	1.83	Light Collector	2.2F	\$0.89	2.2F	\$0.89	N	\$0.00
East	Mountain Empire	LA POSTA	ZONE CONNECTOR	SR-94	Local	1.27	Light Collector	2.2F	\$0.62	2.2F	\$0.62	N	\$0.00
East	Mountain Empire	TECATE	SR-94	ZONE CONNECTOR	State	0.56	Light Collector	2.2C	\$0.00	4.1A	\$6.43	Y	\$6.43
East	Mountain Empire	TECATE	ZONE CONNECTOR	ZONE CONNECTOR	State	0.91	Light Collector	2.2C	\$0.00	4.1A	\$10.45	N	\$0.00
East	Mountain Empire	TECATE	ZONE CONNECTOR	ZONE CONNECTOR	State	0.24	Light Collector	2.2C	\$0.00	4.1A	\$2.76	N	\$0.00
East	Mountain Empire	TECATE	ZONE CONNECTOR	ZONE CONNECTOR	State	0.15	Light Collector	2.2E	\$0.00	4.1A	\$1.72	Y	\$1.72
East	Ramona	ASH	ZONE CONNECTOR	SR-78	Local	1.05	New	2.1E	\$13.02	2.1E	\$13.02	N	\$0.00
East	Ramona	ASHLEY	CREELMAN	DYE	Local	0.25	New	2.3B	\$3.00	2.3B	\$3.00	N	\$0.00
East	Ramona	BOUNDARY	JULIAN	HUNTER	Local	0.79	New	2.2E	\$10.18	2.2E	\$10.18	N	\$0.00
East	Ramona	DYE	UNKNOWN	MUSSEY GRADE	RAS	0.60	New	2.1E	\$7.44	2.1E	\$7.44	N	\$0.00
East	Ramona	DYE	RAMONA	WARNOCK	RAS	0.70	New	2.2E	\$9.02	2.1C	\$8.68	N	\$0.00
East	Ramona	DYE	SAN VICENTE	UNKNOWN	RAS	0.25	New	2.2E	\$3.22	2.1C	\$3.10	N	\$0.00
East	Ramona	DYE	UNKNOWN	ASHLEY	RAS	0.25	New	2.2E	\$3.22	2.1C	\$3.10	N	\$0.00
East	Ramona	DYE	ASHLEY	KEYES	RAS	0.66	New	2.2E	\$8.51	2.1C	\$8.18	N	\$0.00
East	Ramona	HIGHLAND VALLEY	UNKNOWN	BANDY CANYON	Local	0.12	Light Collector	2.2E	\$0.00	2.2A	\$0.52	Y	\$0.52
East	Ramona	HIGHLAND VALLEY	UNKNOWN	BANDY CANYON	Local	0.70	Light Collector	2.2E	\$0.00	2.2A	\$3.03	Y	\$3.03

Appendix E -Mobility Element Improvements Costs for Both TIF and Non-TIF Improvements

Sub-Region	CPA	Roadway	To	From	Facility Type	Length (Miles)	Existing Cross-Section	Non-TIF Required Classification	Non-TIF Improvement Total Cost (Millions)	ME Classification	ME Improvement Total Cost (Millions)	TIF Eligible?	TIF Cost (Millions)
East	Ramona	HIGHLAND VALLEY	BANDY CANYON	PASEO PENASCO	Local	0.83	Light Collector	2.2E	\$0.00	2.2A	\$3.60	Y	\$3.60
East	Ramona	HIGHLAND VALLEY	PASEO PENASCO	RAMP SR125 SB	Local	0.67	Light Collector	2.2E	\$0.00	2.2A	\$2.90	Y	\$2.90
East	Ramona	HIGHLAND VALLEY	RAMP SR125 SB	RAMP SR125 NB	Local	0.08	Light Collector	2.2E	\$0.00	2.2A	\$0.35	Y	\$0.35
East	Ramona	HIGHLAND VALLEY	RAMP SR125 NB	SA 603	Local	1.11	Light Collector	2.2E	\$0.00	2.2A	\$4.81	N	\$0.00
East	Ramona	HIGHLAND VALLEY	SA 603	SKY VALLEY	Local	1.23	Light Collector	2.2E	\$0.00	2.2A	\$5.33	N	\$0.00
East	Ramona	HIGHLAND VALLEY	SKY VALLEY	ZONE CONNECTOR	Local	0.90	Light Collector	2.2E	\$0.00	2.2A	\$3.90	N	\$0.00
East	Ramona	HIGHLAND VALLEY	ZONE CONNECTOR	SR-125 ACCESS	Local	0.22	Light Collector	2.2E	\$0.00	2.2A	\$0.95	N	\$0.00
East	Ramona	HIGHLAND VALLEY	SR-125 ACCESS	ARCHIE MOORE	Local	0.76	Light Collector	2.2E	\$0.00	2.2A	\$3.29	N	\$0.00
East	Ramona	JULIAN	DYE	MUSSEY GRADE	State	0.46	Town Collector	4.1B	\$1.72	4.1A	\$3.71	Y	\$1.99
East	Ramona	JULIAN	HIGHLAND VALLEY	DYE	State	0.12	Town Collector	4.1B	\$0.45	4.1A	\$0.97	N	\$0.00
East	Ramona	JULIAN	ZONE CONNECTOR	HIGHLAND VALLEY	State	0.49	Town Collector	4.1B	\$1.83	4.1A	\$3.95	N	\$0.00
East	Ramona	JULIAN	BOUNDARY	ZONE CONNECTOR	State	0.10	Town Collector	4.1B	\$0.37	4.1A	\$0.81	N	\$0.00
East	Ramona	JULIAN	MAIN	BOUNDARY	State	0.47	Town Collector	4.1B	\$1.76	4.1A	\$3.79	N	\$0.00
East	Ramona	KEYES	MAGNOLIA	ZONE CONNECTOR	RAS	0.56	New	2.1C	\$6.94	2.1C	\$6.94	N	\$0.00
East	Ramona	KEYES	ZONE CONNECTOR	OLD JULIAN	RAS	0.26	New	2.1C	\$3.22	2.1C	\$3.22	N	\$0.00
East	Ramona	MAIN	KALBAUGH	ETCHEVERRY	State	0.25	Town Collector	4.1B	\$0.93	4.1B	\$0.93	N	\$0.00
East	Ramona	SA 330	MONTECITO	ZONE CONNECTOR	Local	0.36	New	2.2E	\$4.64	2.2E	\$4.64	N	\$0.00
East	Ramona	SA 330	ZONE CONNECTOR	SAWDAY	Local	0.31	New	2.2E	\$3.99	2.2E	\$3.99	N	\$0.00
East	Ramona	SAWDAY	SA 330	JULIAN	Local	0.80	New	2.2E	\$10.31	2.2E	\$10.31	N	\$0.00
East	Ramona	SR-67	MUSSEY GRADE	ZONE CONNECTOR	State	0.44	Town Collector	4.1B	\$1.64	4.1A	\$3.55	Y	\$1.90
East	Ramona	SR-67	ZONE CONNECTOR	AIR MAIL	State	0.60	Town Collector	4.1B	\$2.24	4.1A	\$4.83	Y	\$2.59
East	Ramona	SR-67	AIR MAIL	UNKNOWN	State	0.58	Light Collector	4.1B	\$4.12	4.1A	\$6.66	Y	\$2.54
East	Ramona	SR-67	UNKNOWN	ARCHIE MOORE	State	0.69	Light Collector	4.1B	\$4.90	4.1A	\$7.92	Y	\$3.02